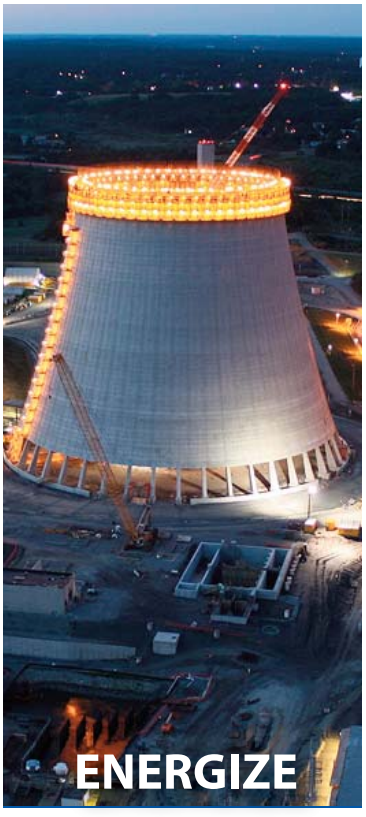
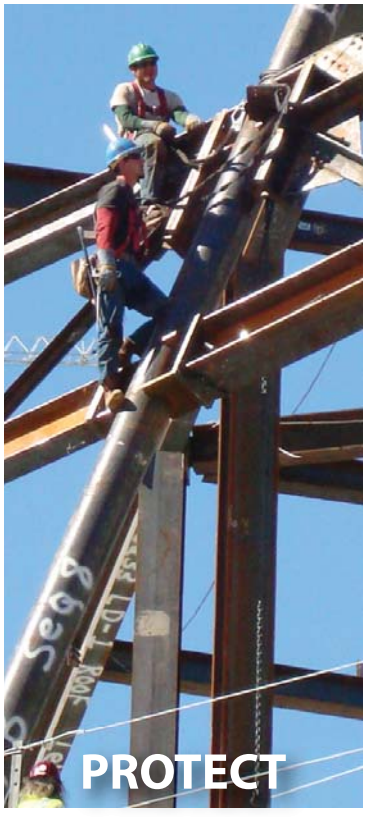
Since 1918

ERICSON®





Solutions Guide

2014

Ericson Manufacturing: The Evolution

1916


Edward O. Ericson (top)
John Ericson Sr. (bottom)

The Rubber industry brings Edward Oscar Ericson (founder of Ericson Manufacturing) to Akron, Ohio where his awareness of worksite safety hazards brought forth inspiration to develop products for a safer workplace.

1918

With Edward Oscar Ericson's patent for first Rubber Handlamp awarded in 1918, Ericson Manufacturing Company is officially born. Which also operated under the name of C&E Sales.

1927

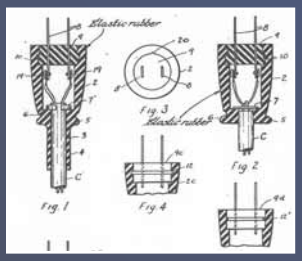
Ericson's insulated Handlamp Guard revolutionizes the industry.

1928

The US Navy Department of Engineering standardizes on Ericson rubber handlamp for improved safety performance.

1929

Ericson's invention of the first "Dead-Front, Back-Wired" electrical plug revolutionizes the wiring device industry.



1931

Ericson designs a plug suitable for the needs of Ontario's Hydro Electrical Power Commission Dept. of Engineering establishing international business in Canada.

1936

Patent for first Dead-Front-Back-Wired Plug and Connector awarded, the NEC and OSHA still require its use today.

1939

Introduction of first explosion and vapor proof handlamp.


Vaporproof & Explosion Lamp

Protected Against Moisture, Gases, Acids, Fumes

Uses — Designed to offer protection where lamp is to be used under conditions where moisture, gases, acids, fumes, etc., are prevalent and often hazardous.

Description—Handle is of quality, heat resisting rubber with threads molded into it to receive the 100-watt Pyrex heat - resisting glass globe. Rubber socket with cord insert, which eliminates taping and splicing, is as easily connected as a brass socket. The wire guard is cadmium plated, and can also be furnished with a tough tire tread rubber electrolytically bonded to form one homogeneous mass which is 1/16 inch covering of rubber. The complete portable unit weighs less than three pounds.

Mfd. by THE ERICSON MFG. CO., Dept. EP, 3116 Euclid Ave., Cleveland, Ohio.

1945

Ericson Manufacturing is recognized for supplying the Armed Forces with electrical equipment to help win WWII

1948

Cord reels with handlamp accessories introduced

1959

Ericson introduces the first 4-way insulated electrical box.

1960

Ericson introduces new fluorescent inspection lamps.

1964

Ericson's handlamps and wiring devices become yellow… "Yellow for Safety".

1970

Ericson's Patent on the industries' first portable GFCI awarded.

1985

Ericson patent of Ground and Continuity Monitor (GCM) Wiring Devices awarded.

1990

Ericson manufacturers the "Go Anywhere" inline and plug style GFCI.

2001

The Oscar is introduced to the market, named after Ericson's founder.

2007

The award winning E-cart™ family of mobile power transformation equipment introduced to the marketplace.

2013

Ericson introduces TuffTraxx™ cable protectors & LED lighting.

2014

Ericson introduces Perma-Kleen™ Anti-Microbial wiring devices.

2014

98 years and counting of manufacturing the industries' safest and most reliable temporary power, lighting, and engineered solutions.

E.O. Ericson

Our story is built around you. Our customer. We believe in listening, implementing and adapting. We are a customer driven, sales driven, innovative industry leader committed to "exceeding customer expectations."

We are YOUR PARTNER – With on time shipments of 96% or better, ISO Certification of Quality, a helpful technical team, dedication to solve your individual issues, ease of doing business and follow up customer care after the sale…Ericson is and will always be your best choice…

We are FAMILY –Since 1918, The Ericson family continues to bring quality products and the promise of customer satisfaction to a growing customer base. With the flexibility of a mid-sized U.S. company with autonomy to operate in the best manner to satisfy your needs.

We are READY – Our dedication to your satisfaction starts with a "Yes we can…" attitude and the willingness to offer 24/7 Emergency Service to cover your operating hours, not ours. We are ready to ship your product quickly to meet your schedule.

We are INNOVATION – We design and build innovative, safe and cost effective temporary power and lighting systems solutions. Our award winning designs and patents granted through the years are proof positive that Ericson consistently brings innovation to you.

We are QUALITY –We are certified to the latest ISO 9001 certified Quality Standards and are known throughout the industry for manufacturing the highest quality products available. We constantly test and measure the quality of our products to meet or exceed your expectations.

We are SAFETY – Ericson emphasizes 3rd party NRTL Agencies to demonstrate our commitment to safety. UL, ETL, CSA and QPS listings as well as NEC/CEC and OSHA/Workers Compensation Code Compliance are integrated into every design.

We are SOLUTIONS – Our in-house Applications Engineering team is available to assist you in providing design and layout solutions. We have an impressive history of providing solutions with custom applications.

Table of Contents

TABLE OF CONTENTS

Looking for us ?

At Ericson, we value the listing marks of 3rd party NRTL or International Underwriting Safety Agencies and understand the importance of up-to-date Listing Information to you, our customer. 1. Contact your local Ericson Rep for a listing lookup

2. Contact Customer Service at 1-800-ERICSON (374-2766) M-F 8-6 EST

3. 24/7 Web Search - TO SEARCH A PART - SEE THE FULL LISTING ON OUR WEBSITE WWW.ERICSON.COM/AGENCY

Table of Contents

Origin of Products

Made in the USA - This symbol is shown on products that all or nearly all parts are made and assembled in the USA.

Assembled in the USA - This symbol is shown on products that most of the parts are from US Origin and assembled in the USA.

Made in the USA

Assembled in USA

Small Business
CAGE 82832
GSA #
GS-07F-0313Y

New Products

PERMA-KLEEN™

6P SUBMERSIBLE

Ericson's Perma-Kleen Anti-microbial Wiring Devices deliver exceptional protection against anti-microbial growth, even on hidden, hard to clean surfaces. Retrofitting current installations with these cost effective solutions will provide confidence and peace of mind by knowing every possible step has been taken to protect consumers against harmful and potentially deadly, microbial contamination.

- UL Listed
- Inhibits Growth of Bacteria, Molds, Mildews and Fungi
- Anti-microbial Additives Embedded in Polymer
- Resistant to High Pressure Hose-down
- NEMA Type 4, 4X, 6, 6P-And IP67 Protection

See page 106

TUFFTRAXX™

TuffTraxx™ Cable Protectors

Protect expensive cables from foot-traffic and equipment damage while eliminating tripping hazards caused by cables with Ericson's CP5 Series Cable Protectors. Made from rugged, all-weather polyurethane construction known for its resilience, hardness and impact resistance for demanding environments.

See page 12

Mini-e PDU

Lots of power in a small rugged jobsite enclosure is the exclusive design of the Mini-e. NEMA 3R In-Use Rain Rated with multiple configurations to chose from, the Mini-e is the answer to your power needs. Cord connected or male power inlet styles make this design a versatile PDU for all applications.

See page 30

Oscar® PowerCart PDU

Oscar® PowerCart, Mobile Temporary Power Distribution Center

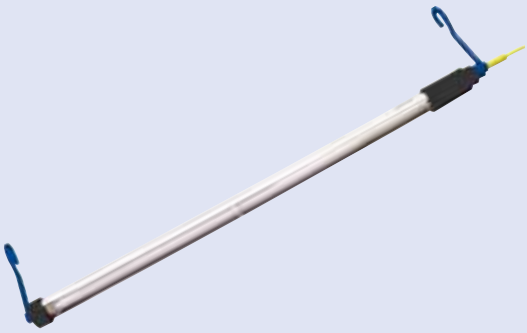
- UL Listed and QPS Listed for Canada
- Up to 200 amp
- 120/208V, 240V, 480V or 600V
- Breaker and Receptacle Personalization
- Camlock and Terminal Lug Options
- Up to (18) 20A GFCI Circuits Out
- Many Styles to Choose From

See page 44

LED Wide Area Lighting: 1000LED Series

- cULUS Listed for Outdoor/Wet Location
- LED Energy Efficient Lighting Technology
- Impact-Resistant molded Polycarbonated Housing
- Durable, Rugged Indoor/Outdoor Construction
- Dual magnets for Secure Mounting on Metallic Surfaces
- Light Weight Design

See page 78



LED Heavy Duty Tube Work Lights: 800 Series

- cULus Outdoor / Wet Location Listed
- LED Energy Efficient Lighting Technology
- Durable, Rugged Indoor/Outdoor Construction
- Low Power Utilization / Consumption
- Available Sealed Switch Option
- Easily "Daisy-chained" to Cover Larger Areas
- 50,000 Hour Life Expectancy

See page 80

LED Heavy Duty Wide Area Lighting

- cULus Outdoor / Wet Location Listed
- LED Energy Efficient Lighting Technology
- Durable, Rugged Indoor/Outdoor Construction
- Lightweight, Impact Resistant Material
- Flexible Based / Floor or Hanging
- Easily "Daisy-chained" to Cover Larger Areas
- 50,000 Hour Life Expectancy

See page 82

Hazardous Duty LED, Incandescent & Fluorescent Handlamps

- ETL, cETL Listed
- 120 or 12 Volt
- Incandescent or CFL bulb
- EZ to Replace Parts
- New Cord Grip & Strain Relief
- Up to #12/3 SO Cord
- 12 Volt or 120 Volt
- Class I & II, Div 1 & 2, Groups C, D, F, G

See page 98

2000 Series LED Lamp

- cULus Listed
- Outdoor / Wet Location Rated
- Cool, Safe Operation
- IP65 Environmental Rating
- 120° Beam Angle, High-power LED
- 5mm High Strength Tempered Glass
- 50,000 Hour Rated Life
- High Efficiency Operation

See page 70

e-Cart™ Jr. Transformer Based PDU

Now available from Ericson...The e-Cart Jr.™, Mobile Temporary Power Distribution Centers for your jobsite.

- UL Listed and QPS Listed for Canada
- 600 or 480V, 3 phase or single phase 60Hz power input
- 15kVA encapsulated transformer
- Output power options: 120Y/208V with 3-phase transformer or 120V/240V with single-phase transformer
- Combo load center with GFCI circuit breakers
- NEMA TYPE 3R main disconnect switch
- Code compliant
- Award winning design

e-Cart2™ Transformer Based PDU

Now available from Ericson...The e-Cart 2™ Mobile Temporary Power Distribution Centers for your jobsite.

- UL Listed and QPS Listed for Canada
- Industrial duty powder coated steel frame with lifting eyes, wheels or stands
- Three phase or single phase NEMA 3R 480V or 600V 60Hz ventilated transformer
- NEMA 3R load center with GFCI breakers installed, sized per transformer
- NEMA 3R fused primary disconnect, sized per transformer
- EZ to move and store
- Code compliant
- Patent pending design
- Award winning design

XP e-Cart2™ - Explosion Proof PDU

XP e-Cart2™, Explosion Proof Mobile Temporary Power Distribution Center

- Class I, Div. 2, Groups C and D Certified
- NEMA 3R Rated Cart
- Heavy Duty, Light Weight, Spark Resistant Aluminum Frame
- 480 V or 600 V Main Power Flexibility
- Award Winning Design

Big-E™ Jr. PDU

The Big E Jr. ™, Mobile Temporary Power Distribution Center

- UL Listed and QPS Listed for Canada
- Up to 200 amp
- 120/208V or 240V
- IEC or camlock In
- Up to (18) 20A GFCI circuits out
- Many styles to choose from

Big-E™ PDU

The Big E ™, Mobile Temporary Power Distribution Center

- UL Listed and QPS Listed for Canada
- 600, 480 or 208 or 240 volt power distribution
- All connections and circuit breakers under one NEMA 3R rain proof cover
- Up to 400 Amp
- 3R rainproof tested
- Camlock main power connected or rear panel entry
- Welder power distribution 480V (select models)
- Powder coated for corrosion resistance
- Frames stack & lock together for storage

Oscar® Boxes - 1066/1067 Series

Available from Ericson...Oscar® Box Temporary Power Distribution Units. Versatile protection for your jobsite, the Oscar® box is available in many standard GFCI protected configurations or contact the factory for a custom need.

- 50A 240V input
- (8) receptacles out
- Full GFCI compliance

Oscar II PDU

When you need a temporary power distribution box that will meet your requirements, look to the Oscar® 2 Series from Ericson. The flexible design platform of the new Oscar® 2 allows you to configure a Temporary Power Distribution Center that is right for you. The Oscar® 2 Expo Series picks up where the 1066/1067 leaves off.

Typical Applications Include:

- Convention Centers
- Outdoor Events
- Festivals
- Carnivals, etc.
- Concerts
- Stage & Studio

1068 Series 3 Phase 208V Features:

- Choice of main inlet types - IEC309 power-inlet and power-outlet or camlock
- Exclusive IPDM module installed
- GFCI or non-gfci circuit breakers available
- Receptacles protected by Ericson's FS Series flip seal covers
- Camlock inputs available

Oscar® PowerCart PDU

Oscar®PowerCart, Mobile Temporary Power Distribution Center

The basic construction consists of:

- UL Listed and QPS Listed for Canada
- Up to 200 amp
- 120/208V, 240V, 480V or 600V
- Breaker and Receptacle Personalization
- Camlock and Terminal Lug Options
- Up to (18) 20A GFCI circuits out
- Many styles to choose from

It All Works Together

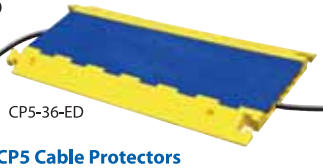
14kVA Generator (G14)

Usually single phase only 56A available at 120/240 (3) 20A duplex GFCIs,
(1) L14-30 & (1) CS6369 240V 50A twist terminal block connection

CS Style Receptacle

BSO/DSO Cable

120/240V



CP5 Cable Protectors
- Large capacity 5-slot sections
- "T" locks hold under load stress

Oscar™ - 1066FS
- 120/240V 50A
- Each w/ (6) 20A duplext GFCIs
- L6-30
- 50A CS Feed thru

123D-TT
Tri-Tap
Extension Cord

25kVA Generator (G25)

Usually single phase and 3 phase outputs available
75A at 120/240V or 63A at 120/208V or 27A at 277/480
(2) 20A Duplex GFCIs, (1) L14-30 & (1) CS6369 240V 50A twist
Terminal block connection

120/240V

BSO/DSO Cable

Oscar™ - 1066FS
- 120/240V 50A
- Each w/ (6) 20A duplext GFCIs
- L6-30
- 50A CS Feed thru

123D-TT
Tri-Tap
Extension Cord

7000 Series
Tri-Tap Multiple
Outlet Box

Perma-Tite™ 2
Factory Assembled Cordset
- Extreme industrial use
- Water tight connection
- Rated NEMA 3R & 6P

70kVA Generator (G70)

Usually single phase and 3 phase outputs available
242A at 120/240V or 200A at 120/208V or 87A at 277/480V
(2) 20A Duplex GFCIs, (1) L14-30 & (2) CS6369 240V 50A twist
Terminal block connection

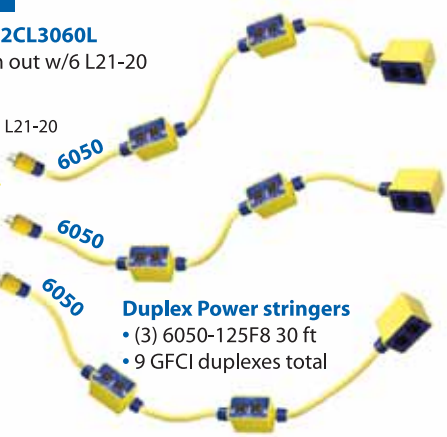
Terminal Block
SC20F50
Blunt
Cam
Cam In

SC20MF25
Cam In
Cam Out

120/208V

(1) BE1-CAM2CL3060L
- Cam In/Cam out w/6 L21-20

L21-20



BE2-CAM2CL3240 200Amp
- (24) 5-20 DPLX GFCI
- CAM IN/OUT

Duplex Power stringers
- (3) 6050-125F8 30 ft
- 9 GFCI duplexes total

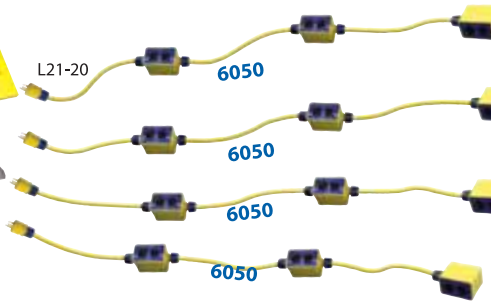
Generator Capacity & Receptacles are for Estimation Purposes Only. Be Sure to Check Your Specific Unit for Exact Equipment Specs!

25kVA Generator (G25)

Usually single phase and 3 phase outputs available
75A at 120/240V or 63A at 120/208V or 27A at 277/480V
(2) 20A Duplex GFCIs, (1) L14-30 & (1) CS6369 240V 50A twist
Terminal block connection

Terminal Block
SC2F Cordset
Blunt Cam
Cam In

120/208V
Big E Jr.
BE1-CAMCL3040L
(4) L21-20s



1140 Series
- 20 Watt LED or 40 Watt fluorescent
- Lightweight, impact resistant material

800 Series Tube Lights
- cULus Outdoor Listed
- Connect up to 12 units
- LED • 14, 18 or 22 Watt
- 1 x T8 Tube • 17-40 Watt

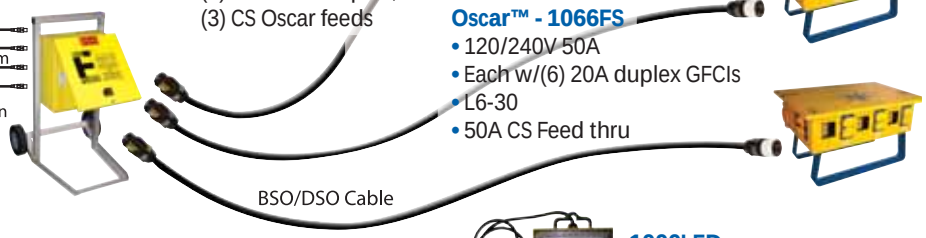
Duplex Power Stringers
- (4) 6050-125G8 80 ft.
- 24 duplexes total

50kVA Generator (G50)

Usually single phase and 3 phase outputs available
158A at 120/240V or 133A at 120/208V or 58A at 277/480V
(2) 20A Duplex GFCIs, (1) L14-30 & (1) CS6369 240V 50A twist
Terminal block connection

Terminal Block
SC20F Cord
Blunt Cam
Cam In

120/240V
Big E Jr.
BE1-CAM2CL1063 (CAM in & out)
(6) 20A GFCI duplex,
(3) CS Oscar feeds



Oscar™ - 1066FS
- 120/240V 50A
- Each w/(6) 20A duplex GFCIs
- L6-30
- 50A CS Feed thru

85kVA Generator (G85)

Usually single phase and 3 phase outputs available
279A at 120/240V or 233A at 120/208V or 101A at
277/480V (2) 20A Duplex GFCIs, (1) L14-30 & (2)
CS6369 240V 50A twist Terminal block connection

Terminal Block
SC40F25
Blunt Cam
Cam In

120/240V
BE4-CAMCL1008T
- 400A PDU w/ (8) CS6369
- 240V 50A twistlocks

Oscar™ - 1066FS
- 120/240V 50A
- Each w/(6) 20A duplex GFCIs
- L6-30
- 50A CS Feed thru

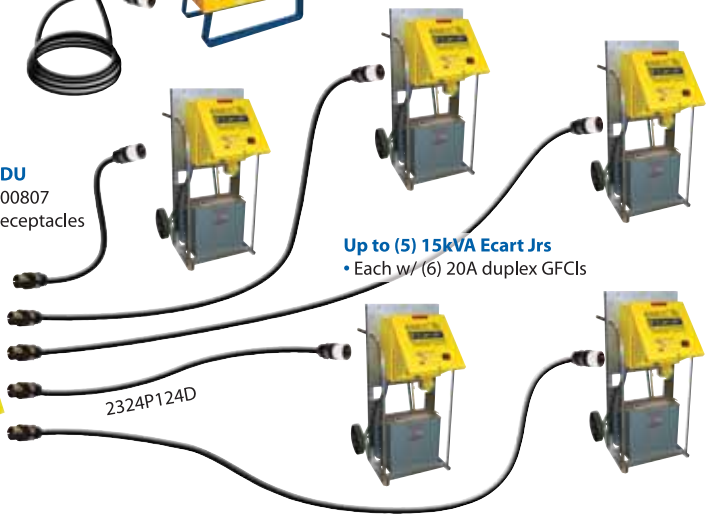
1000LED
- cULus Listed
- 14/3 cable, 5-15 plug
- Heavy-duty magnet mount

85kVA Generator (G85)

Usually single phase and 3 phase outputs available
279A at 120/240V or 233A at 120/208V or 101A at
277/480V (2) 20A Duplex GFCIs, (1) L14-30 & (2)
CS6369 240V 50A twist Terminal block connection

Terminal Block
SC2F25
Blunt Cam
Cam In

480V
BE4 480V 200A PDU
- Part number 09100807
- (8) L16-20 480V receptacles



Up to (5) 15kVA Ecart Jrs
- Each w/ (6) 20A duplex GFCIs

TuffTraxx™ - Cable Protectors

CP5-36-ID : 27,000 Lbs / Axle
CP5-36-ED : 50,000 Lbs / Axle

FEATURES:

- Industrial and extreme duty service ratings
- Load ratings up to 50,000 lbs/axle
- Y-Adapters deliver 45° and 90° cable routing
- Customizable to match corporate branding style
- Non-conductive shock barrier protection
- Rounded dividers protect cables from snags and tears
- T-style connector interlocks for secure operation
- Hinged lid for easy cable loading
- Rugged, all-weather polyurethane construction
- Tread plate surface for increased traction
- Clearly Identifiable molded safety warning symbols
- Tapered end caps provide gradual egress
- Light-weight design for easy handling and storage
- Meets NEC & OSHA requirements
- Large capacity (1.3 inch) linear sections

Ericson's TuffTraxx Series of Industrial Duty and Extreme Duty Cable Protectors deliver unmatched security and protection against cable and hose damage. Easy to install and reconfigure, the non-metallic TuffTraxx Series shields interconnect cabling from harmful equipment traffic, thus minimizing expensive down-time and repairs. Flexible Y-Adapters offer exceptional cable routing flexibility ideal for large diameter cable or multi-directional cable runs.

Protecting pedestrian traffic from dangerous trip hazards, whether at the work site or during public events, has never been easier than with this safe and affordable solution. Constructed from light-weight, durable polyurethane and tested to rigorous quality and operational standards, these products are built to withstand years of punishing service without compromised performance.

TuffTraxx Industrial and Extreme Duty Cable Protectors feature a compact, flexible design that simplifies setup and transportation making them ideal for a wide range of applications including:

- Oil / Gas Exploration
- Digital / Telecommunications
- Mining Operations
- Stadiums / Racetracks / Arenas
- Oil / Gas Refineries
- Defense / Safety
- Carnivals and Fairs
- Universities / Schools
- Construction
- Utility Maintenance
- Rental Services
- Convention /Theaters
- Entertainment Venues
- Sporting Events
- Transportation
- Aerospace / Airports

Made in the USA

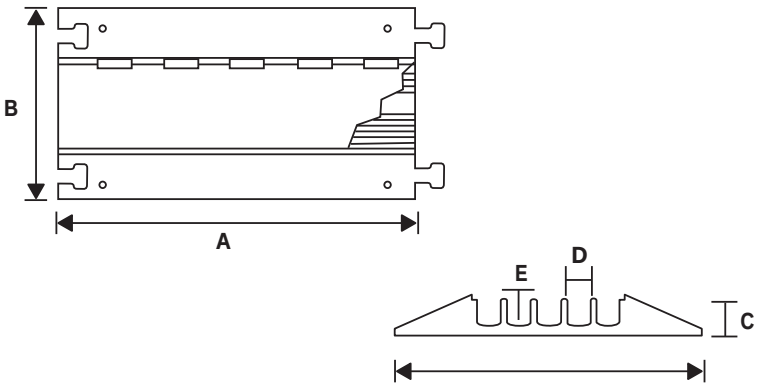
Specifications

Material:	
Straight section, end caps, Y-adapter	UV Stabilized Polyurethane
Hinge	Reinforced Fiberglass
Operating Temperature Range:	-40 °F to +120 °F (-40 °C to +49 °C)
Maximum Load per Tire (straight section):	
CP5-36-ID	13,500 lbs. @ 70 °F (4,763 kg. @ 21 °C)
CP4-36-ED, CP5-36-ED	25,000 lbs. @ 70 °F (4,763 kg. @ 21 °C):
Maximum Load per Axle (straight section):	
CP5-36-ID	27,000 lbs. @ 70 °F (4,763 kg. @ 21 °C)
CP4-36-ED, CP5-36-ED	50,000 lbs. @ 70 °F (4,763 kg. @ 21 °C):

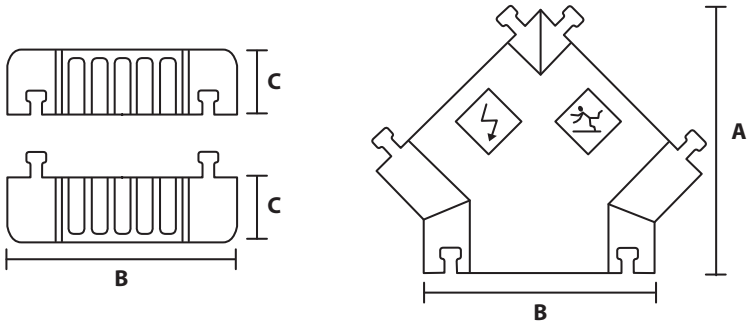
Catalog Number	Description	A-Length	B-Width	C-Height	D-Channel Width	E-Channel Height	Weight
CP5-36-ID	Industrial Duty 5-slot, 36" straight section	36"	17.25"	1.95"	1.30"	1.35"	20.6 lbs
CP4-36-ED	Extreme Duty 4-slot, 36" straight section	36"	19.5"	2.25"	1.80"	1.35"	23.5 lbs
CP5-36-ED	Extreme Duty 5-slot, 36" straight section	36"	19.5"	2.25"	1.40"	1.35"	23.5 lbs

Max. Allowable Cable Size

Cord Type	Voltage	Size
SOOW Portable	(600V)	2/3
SOOW Control	(600V)	18/30, 16/52, 14/24
Type W (2000V)	(2000V)	2/2, 2/3, 4/4, 6/5
Stage Lighting	(600V)	4/0
Welding	(600V)	500MCM
Utility Ground	(600V)	2/0 and 4/0
Type G-GC	(2000V)	8/3 to 4/3



Catalog Number	Description	A-Length	B-Width	C-Height	D-Channel Width	E-Channel Height	Weight
CP5-45Y-ID	Industrial Duty 5-Channel, "Y" Adapter	20" (508mm)	17.25" (438mm)	1.95" (50mm)	1.3" (33mm)	1.3" (33mm)	11 lbs
CP5-ECP-ID	Industrial Duty 5-Channel End Cap (Pair)	4.75" (120mm)	17.25" (438mm)	1.95" (50mm)	1.3" (33mm)	1.3" (33mm)	2.7 Lbs.



Note: Safety warning symbols per ANSI Z535.3-1991

Made in the USA

e-Cart™ Jr. - Mobile Transformer Power Distribution Center

LISTED

Certified

FEATURES:

- Standard units UL listed for US, QPS certified for Canada
- 480V or 600V, 3 phase or single phase 60Hz power input
- 15kVA epoxy encapsulated 3R transformer
- Output power options: 120Y/208V with 3-phase transformer or 120V/240V with single-phase transformer
- Combo load center with GFCI circuit breakers
- NEMA TYPE 3R main disconnect switch
- Twist lock closure
- Rain Guard flaps fold into cover
- Heavy-Duty cart with handle for easy maneuvering around job site
- 50A Receptacle
- Easy rolling wheels
- Engineered solutions available, contact factory for more information

EXCLUSIVE

NEMA type 3R Ericson engineered circuit breaker/ receptacle "combo" enclosure panel.

- Combines circuit breaker panel with receptacle operation
- Heavy duty enclosure
- NEMA 3R rainproof "in use" flip top assembly

Inside View

Examples:

IN 480V ⇨ e-Cart™ Jr. ⇨ OUT 120V

IN 600V ⇨ e-Cart™ Jr. ⇨ OUT 120V

Note: 6 feet of cable installed on primary disconnect sized to transformer. UL Models Only (not shown).

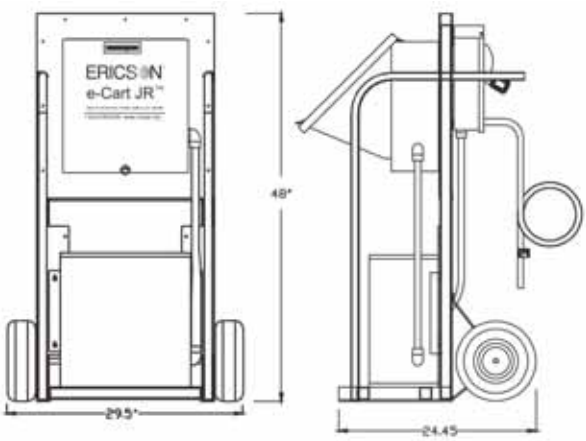
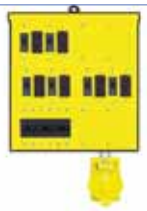
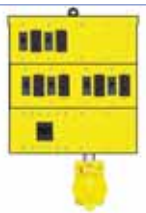
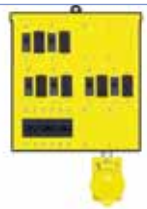
Order with 50A output to power Oscar® boxes.

See the Video

Made in the USA

NEMA 3R

Outdoor Rated

UL Listed Frame Style	Panel Board	Combo Enclosure Styles		
	EJR4315PL30600	EJR4115CL10600-UL	EJR4115CM1061-UL	EJR4315CL30600-UL
				
	EJR4315CM30310-UL	EJR4315CM3061-UL	EJR4315CM31200-UL	
Standard NEMA 3R Panel with Pigtails. **Note:** Panel with pigtails or boxes cannot be UL Listed due to code and standard restrictions.				

480 or 600 Volt

C M 2 06 0

- **C= Combo Enclosure**
  P = Panel Board
- **M= Secondary Panel Main CB**
  L = Secondary Main Not Required
- **3 = 208Y/120 3PH**
  1= 120/240 1PH
- **06 — # of 20A Circuits**
- **0 — # of 50A Circuits**

	INPUT POWER				SECONDARY INFO			OUTPUT CONNECTIONS		
Catalog No.	Voltage IN	Phase	Primary Connection	Transformer Size (kVA)	Secondary Voltage OUT	Secondary Panel MCB Installed	Panel and Connections Style	Receptacles Installed	Circuit & Personnel Protection	UL/QPS Listed
EJR4115CL10600-UL	480/600	1	6 ft SOW Blunt	15	120/240	NO	C	(6) 5-15/20 T Slot GFCI DPLX	(6) 20A STD BRKRS	YES
EJR4115CM1061-UL	480/600	1	6 ft SOW Blunt	15	120/240	YES	C	(6)5-15/20 T Slot GFCI DPLX & (1) CS6369 50A	50A ZP C.B (6) 20A STD BRKRS	YES
EJR4315CL30600-UL	480/600	3	6 ft SOW Blunt	15	120/208Y	NO	C	(6) 5-15/20 T Slot GFCI DPLX	(6) 20A STD BRKRS	YES
EJR4315CM30310-UL	480/600	3	6 ft SOW Blunt	15	120/208Y	YES	C	(3) 5-15/20 T Slot GFCI DPLX & (1) CS6369 50A	(3) 20A STD BRKRS & (1) 50A 2P C.B.	YES
EJR4315CM3061-UL	480/600	3	6 ft SOW Blunt	15	120/208Y	YES	C	(6) 5-15/20 T Slot GFCI DPLX & (1) CS6369 50A	(6) 20A STD BRKRS & (1) 50A 2P C.B.	YES
EJR4315CM31200-UL	480/600	3	6 ft SOW Blunt	15	120/208Y	YES	C	(12) 5-15/20 T Slot DPLX	(12) 20A GFCI C.B.	YES
EJR4115CL10600	480/600	1	Hardwire In	15	120/240	NO	C	(6) 5-15/20 T Slot GFCI DPLX	(6) 20A STD BRKRS	MFG
EJR4115CM1061	480/600	1	Hardwire In	15	120/240	YES	C	(6) 5-15/20 T Slot GFCI DPLX & (1) CS6369 50A	50A ZP C.B (6) 20A STD BRKRS	MFG
EJR4115PL10600	480/600	1	Hardwire In	15	120/240	NO	P	(6) 5-15/20R T Slot (1612-CW6P) PGTLS	(6) 20A GFCI C.B.	MFG
EJR4315CL30600	480/600	3	Hardwire In	15	120/208Y	NO	C	(6) 5-15/20 T Slot GFCI DPLX	(6) 20A STD BRKRS	MFG
EJR4315CM30310	480/600	3	Hardwire In	15	120/208Y	YES	C	(3) 5-15/20 T Slot GFCI DPLX & (1) CS6369	(3) 20A STD BRKRS & (1) 50A 2P C.B.	MFG
EJR4315CM3061	480/600	3	Hardwire In	15	120/208Y	YES	C	(6) 5-15/20 T Slot GFCI DPLX & (1) CS6369 50A	(6) 20A STD BRKRS & (1) 50A 2P C.B.	MFG
EJR4315CM31200	480/600	3	Hardwire In	15	120/208Y	YES	C	(12) 5-15/20 T Slot DPLX	(12) 20A GFCI C.B.	MFG
EJR4315PL30600	480/600	3	Hardwire In	15	120/208Y	NO	P	(6) 5-15/20R T Slot (1612-CW6P) PGTLS	(6) 20A GFCI C.B.	MFG
EJR4315PL3060L	480/600	3	Hardwire In	15	120/208Y	NO	P	(6) L5-20R LKG PGTLS	(6) 20A GFCI C.B.	MFG
EJR4315PM30310	480/600	3	Hardwire In	15	120/208Y	YES	P	(3) 5-15/20 T Slot GFCI DPLX & (1) CS6369 50A9	(3) 20A GFCI C.B. & (1) 50A 2P C.B.	MFG
EJR4315PM3120	480/600	3	Hardwire In	15	120/208Y	YES	P	(12) 5-15/20R T Slot (1612-CW6P) PGTLS	(12) 20A GFCI C.B.	MFG
EJR4315PM3120L	480/600	3	Hardwire In	15	120/208Y	YES	P	(12) L5-20R LKG PGTLS	(12) 20A GFCI C.B.	MFG

1. MFG = Assembled from listed or certified components - assembled cart is not listed.
2. Panel type: C = Combo Enclosure, P = Panel Board.
3. Change "4" to "6" in the catalog number for 600 input.

e-Cart 2™ - Mobile Transformer Power Distribution Center

Extend the Power! Order Separately


63DSO


1066FS

FEATURES:

- Standard units UL listed for US, QPS certified for Canada
- Industrial duty aluminum frame with lifting eyes, wheels or stands
- Three phase or single phase NEMA 3R 480V or 600V 60Hz ventilated transformer
- NEMA 3R load center with GFCI breakers installed, sized per transformer
- NEMA 3R fused primary disconnect, sized per transformer
- (4) Cable hooks, (4) tie down lift eyes
- Narrow frame fits through a standard 36" doorway
- Choice of solid 10" rubber tires (2 steering with brakes, 2 fixed) or hard legs
- Optional extra"welder" 480 or 600V receptacles
- Easy to move
- Engineered solutions available, contact factory for more information

Combo Style Load Center

Features:

- In-use NEMA 3R rainproof design
- GFCI circuit breaker adjacent to receptacle
- Duplex receptacles offer more electrical connections for maximum jobsite power
- With or without MCB (main circuit breaker)

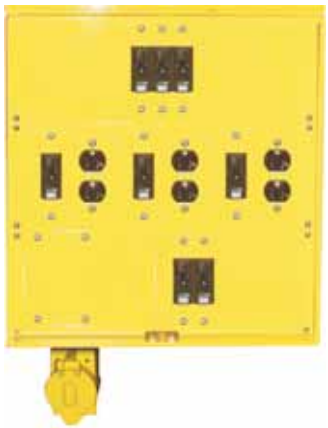

1/4 turn latch

Fold down rain side panels

Rainproof "in-use"

Steel power coated

- MCB
- GFCI circuit breakers
- 20 Amp receptacles
- 50 Amp feed



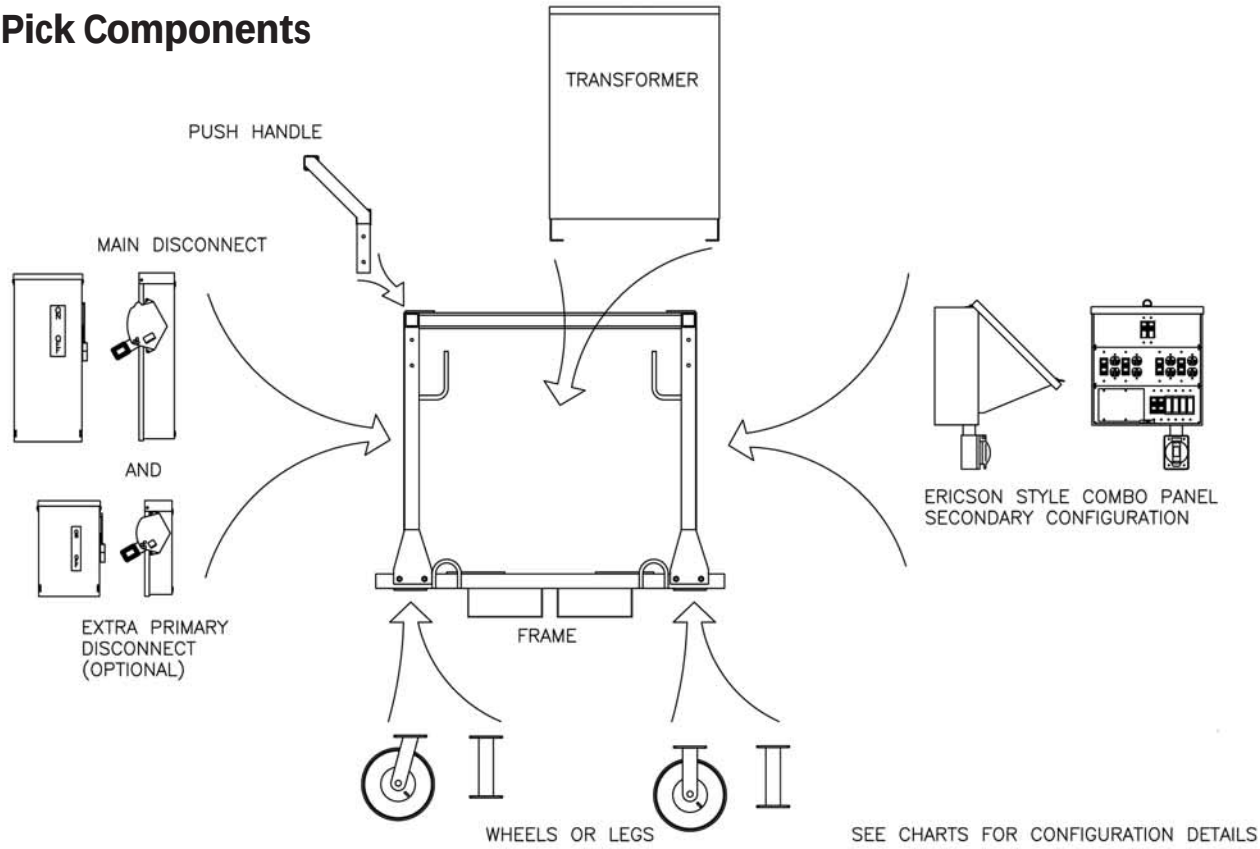
GFCI circuit breaker and duplex or breakers

Many combinations available. *See charts*

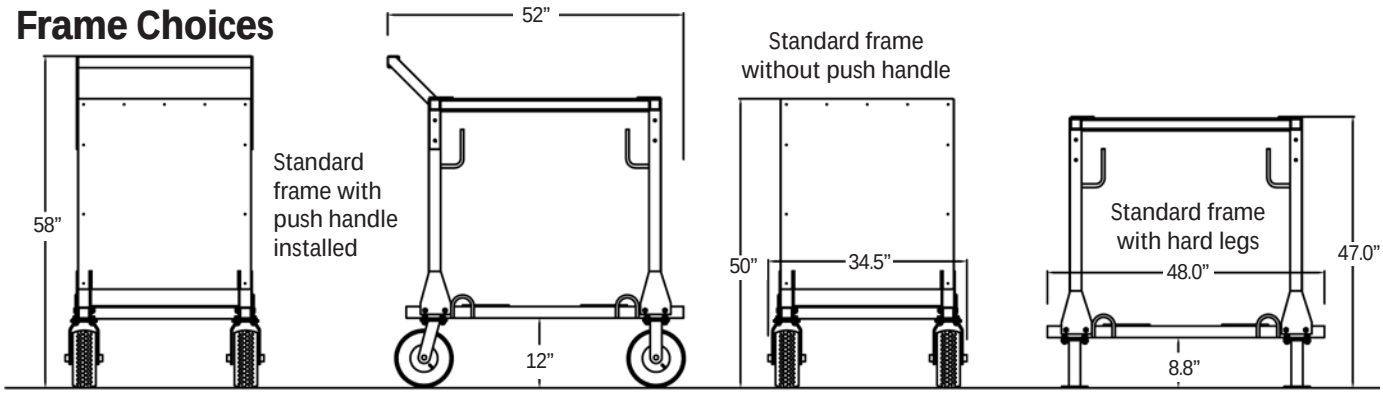
See the Video

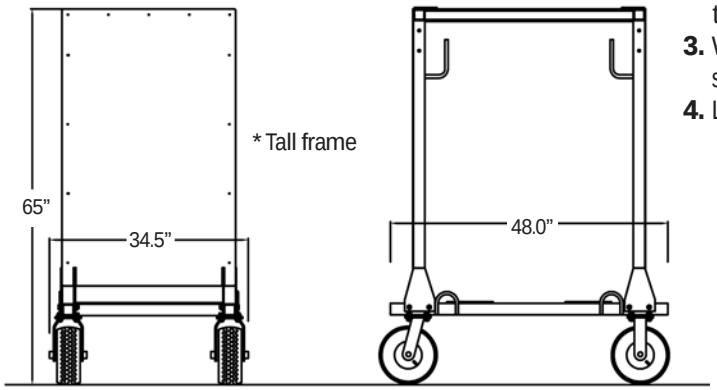
Made in the USA

U-Pick Components



Frame Choices





Sometimes required for larger panels

Frame Selection

1. Most configurations require the standard frame.
2. During the quoting process, we will advise you if the taller frame is required.
3. Wheels and legs are easily interchanged on site with simple tools.
4. Leg stands can also be bolted down at jobsite.

10" Solid rubber tires

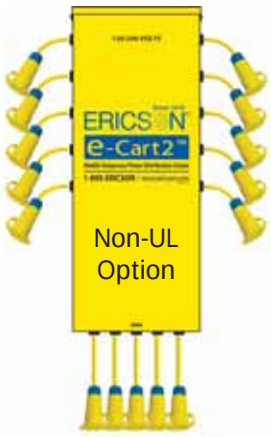
8" Leg stands

Leg bottom plate drilled for floor mounting

e-Cart 2™ - Mobile Transformer Power Distribution Center

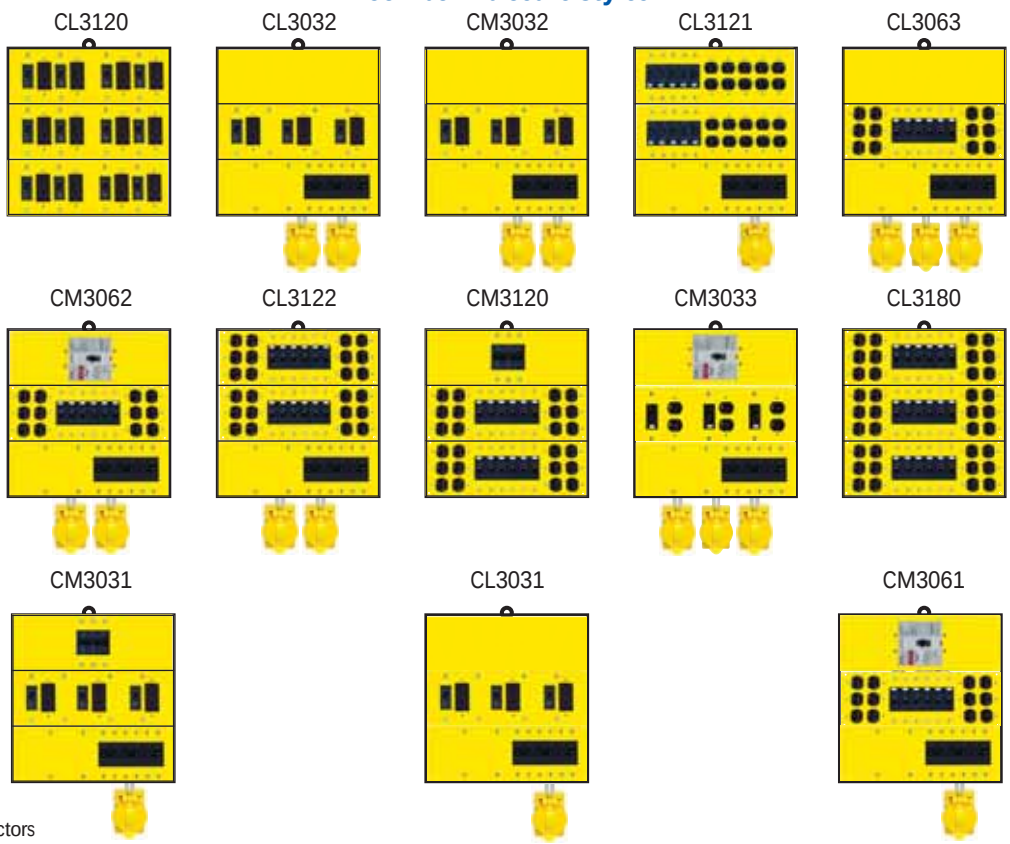
3Ø
120/208V OUT

Panel Board & Pigtail Style



Standard panel with pigtails (cord & connectors or boxes/receptacles) are available upon request. Note: These configurations CANNOT be "Listed" by any NRTL (UL Listed) due to the configuration. Call for more details.

Combo Enclosure Styles



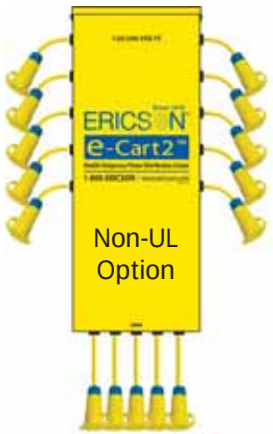
3 PHASE 120/208V SECONDARY CONFIGURATION SELECTIONS					
Secondary Output Configuration	**Panel or Ericson Combo Enclosure**	**Secondary Panel Main Circuit Breaker**	**# of 20 amp 120V Circuits NEMA 5-20R**	**# of 50 amp Oscar Feed circuits CS6369 Twistlock**	**Sized for Transformer KVA**
CL3120	Combo	No	12	0	30 KVA
CL3031			3	1	30 KVA
CL3180			18	0	45 KVA
CL3121			12	1	45 KVA
CL3032			3	2	45 KVA
CL3122			12	2	75 KVA
CL3063			6	3	75 KVA
CM3120	Combo	Yes	12	0	30 KVA
CM3031			3	1	30 KVA
CM3061			6	1	45 KVA
CM3032			3	2	45 KVA
CM3062			6	2	75 KVA

Note: Duplex 5-20R on combo panels

1Ø

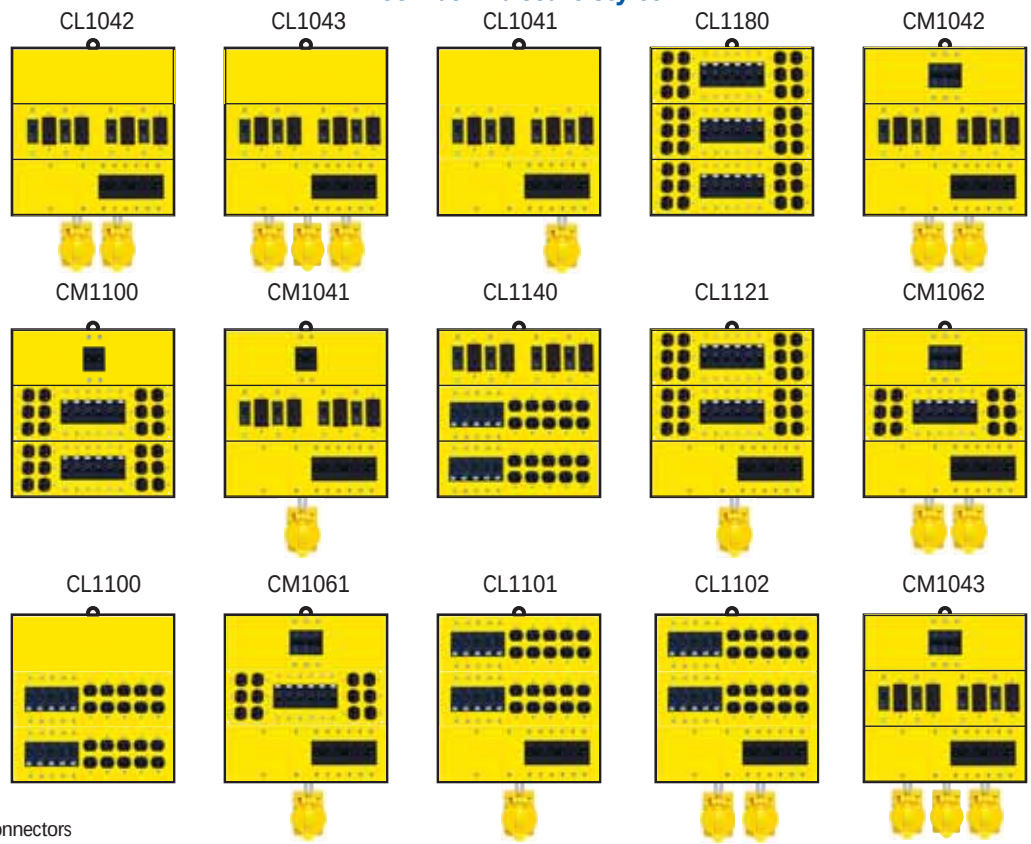
120/240V OUT

Panel Board & Pigtail Style



Standard panel with pigtails (cord & connectors or boxes/receptacles) are available upon request. Note: These configurations CANNOT be "Listed" by any NRTL (UL Listed) due to the configuration. Call for more details.

Combo Enclosure Styles



1 PHASE 120/240V SECONDARY SELECTIONS					
Secondary Output Configuration	**Panel or Ericson Combo Enclosure**	**Secondary Main Circuit Breaker**	**# of 20 amp 120V circuits**	**# of 50 amp Oscar™ Feed circuits**	**Sized for Transformer KVA**
CL1100	Combo	No	10	0	25 KVA
CL1041			4	1	25 KVA
CL1140			14	0	37.5 KVA
CL1101			10	1	37.5 KVA
CL1042			4	2	37.5 KVA
CL1180			18	0	50 KVA
CL1121			12	1	50 KVA
CL1102			10	2	50 KVA
CL1043			4	3	50 KVA
CM1100	Combo	Yes	10	0	25 KVA
CM1041			4	1	25 KVA
CM1120			12	0	37.5 KVA
CM1061			6	1	37.5 KVA
CM1042			4	2	37.5 KVA
CM1062			6	2	50 KVA
CM1043			4	3	50 KVA

Note: 4 panel engineered solution available

EC2 _ _ _ _ _ _ _ _ _ _

Frame
S- Standard
H - Hi-boy tall

Wheels/Legs
S - Solid 10" rubber
L - 8" leg stands

Push Handle
H - With handle
X - No handle
(Note: Handle not available on tall frame models)

Power Input Main Feed	**No Extra Primary Disconnect Or Welder Receptacles**	**480V**	480V, 30 KVA w/60A Main Disconnect Switch	43030XX
			480V, 45 KVA w/ 100A Main Disconnect Switch	43045XX
			480V, 75 KVA w/ 200A Main Disconnect Switch	43075XX
			480V, 112.5 KVA w/ 200A Main Disconnect Switch	43112XX
		600V	600V, 30 KVA w/ 60A Main Disconnect Switch	63030XX
			600V, 45 KVA w/ 60A Main Disconnect Switch	63045XX
			600V, 75 KVA w/ 100A Main Disconnect Switch	63075XX
			600V, 112.5 KVA w/ 200A Main Disconnect Switch	63112XX
3 Phase 4W	**With Extra Primary Disconnect and/or Welder Receptacles***	**480V**	480V, 30 KVA w/ 100A Main Disconnect Switch, 30A AUX Switch*	43030A3
			480V, 30 KVA w/ 100A Main Disconnect Switch, 30A AUX Switch, 30A Welding Recpt	43030W3
			480V, 45 KVA w/ 200A Main Disconnect Switch, 30A AUX Switch	43045A3
			480V, 45 KVA w/ 200A Main Disconnect Switch, 60A AUX Switch	43045A6
			480V, 45 KVA w/ 200A Main Disconnect Switch, 30A AUX Switch, 30A Welding Recpt	43045W3
			480V, 45 KVA w/ 200A Main Disconnect Switch, 60A AUX Switch, 60A Welding Recpt	43045W6
			480V, 75 KVA w/ 200A Main Disconnect Switch, 60A AUX Switch	43075A6
			480V, 75 KVA w/ 200A Main Disconnect Switch, 60A AUX Switch, 60A Welding Recpt	43075W6
		600V	600V, 30 KVA w/ 100A Main Disconnect Switch, 30A AUX Switch	63030A3
			600V, 45 KVA w/ 200A Main Disconnect Switch, 30A AUX Switch	63045A3
			600V, 45 KVA w/ 200A Main Disconnect Switch, 60A AUX Switch	63045A6
			600V, 75 KVA w/ 200A Main Disconnect Switch, 30A AUX Switch	63075A3
			600V, 75 KVA w/ 200A Main Disconnect Switch, 60A AUX Switch	63075A6

Power Input Main Feed	**No Extra Primary Disconnect or Welder Receptacles**	**480V**	480V, 25 KVA w/ 100A Main Disconnect Switch	41025XX
			480V, 37.5 KVA w/ 100A Main Disconnect Switch	41037XX
			480V, 50 KVA w/ 200A Main Disconnect Switch	41050XX
		600V	600V, 25 KVA w/ 60A Main Disconnect Switch	61025XX
			600V, 37.5 KVA w/ 100A Main Disconnect Switch	61037XX
			600V, 50 KVA w/ 100 Main Disconnect Switch	61050XX
1 Phase 3W	**With Extra Primary Disconnect and/or Welder Receptacles***	**480V**	480V, 25 KVA w/ 200A Main Disconnect Switch, 30A AUX Switch	41025A3
			480V, 37.5 KVA w/ 200A Main Disconnect Switch, 30A AUX Switch	41037A3
			480V, 37.5 KVA w/ 200A Main Disconnect Switch, 60A AUX Switch	41037A6
		600V	600V, 25 KVA w/ 100A Main Disconnect Switch, 30A AUX Switch	61025A3
			600V, 37.5 KVA w/ 200A Main Disconnect Switch, 30A AUX Switch	61037A3
			600V, 50 KVA w/ 200A Main Disconnect Switch, 30A AUX Switch	61050A3
			600V, 50 KVA w/ 200A Main Disconnect Switch, 60A AUX Switch	61050A6
			600V, 50 KVA w/ 200A Main Disconnect Switch, 100A AUX Switch	61050A1

* Requires main circuit breaker in secondary selections.

Secondary Outlet Selection Code
6 Digit Code From previous pages
3 Phase - See previous chart
1 Phase - See previous chart

Configuration Options

- Input Primary switchgear
- Output Secondary Panels and receptacles
- Color
- Labeling and Branding
- Much, much, more…

Need a custom e-cart2? We can modify our base design and build a custom e-cart2 to your specifications. Provide us with the changes and any customization specs you would like and let us provide you with a solution today! Call us for details and own your own customized quality built e-cart2.

6 phase e-Cart™2

e-Cart 2™ XP - Explosion Proof Power Distribution Center

Product of The Year
AWARD WINNER

FEATURES:

- Class I, Div. 2, Groups C and D Certified
- NEMA 3R rated cart
- Heavy duty, light weight, spark resistant aluminum frame
- 480 V or 600 V main power flexibility
- 1Ø or 3Ø configuration flexibility
- (18) 120 V circuit secondary power
- GFCI circuit protection
- 15 A to 100 A circuit breakers
- Removable cover circuit breaker access
- Front mounted main locking handle
- 30 kVA to 75 kVA rated transformers
- Electrical grade silica encapsulated and ventilated transformers
- Copper-free cast aluminum alloy distribution panels
- EZ roll tires with fork lift tubes
- Safety earth ground connection
- Engineered solutions available, contact factory for more information

Ericson Manufacturing is leading the way with turn-key, explosion proof temporary power solutions ideal for a wide range of hazardous location applications. The job-tested E-Cart 2™ XP power distribution family is built rugged enough to survive the harshest jobsite environments, while being designed to the meet the latest Safety Certifications and Standards.

Flexible configuration alternatives, based on a standard platform constructed of heavy-duty welded aluminum, provide the ability to meet unique application requirements without the cost typically associated with custom solutions. Designed for simplified plug-n-play use, the Ericson "system" of XP Temporary Power Carts require minimal setup and teardown time saving valuable time and the associated expense.

The E-Cart™ XP is ideal for a wide range of applications including:

- Petrochemical
- Pulp and Paper
- Power Generation
- Tank and Container Cleaning
- Waste Water
- Ship Building
- Food Processing
- Military Aircraft

Consult factory for configuration alternatives

Made in the USA

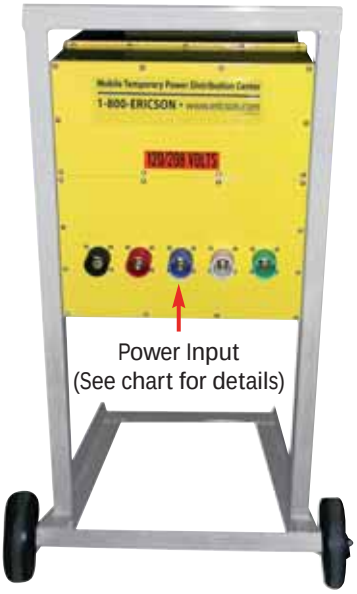
EXPLOSION PROOF

Big-E Jr™ Series - 200 Amp Power Distribution

FEATURES:

- UL & cQPS Listed
- 36" high
- Circuit breakers under NEMA 3R rain proof cover
- Exclusive combo panel design puts receptacles and breakers under one cover
- No small flip covers to break
- All steel enclosure construction with powder coating inside and out
- Heavy Duty, yet light, aluminum welded frame
- 24/7 Safety monitoring with the optional I.P.D.M. module
- Camlock input connection on rear panel makes hookup easy and quick
- Twist lock lid closure
- Engineered solutions available, contact factory for more information

Big power in a small compact sized PDU is what the Big-E Jr. is all about. Designed for quick, easy-to-connect, code compliant distribution for indoor or outdoor venues and jobsites, the Big-E Jr. Portable PDU is the choice for your power needs. The award winning Combo Panel design is NEMA 3R In Use Rain rated and withstands heavy and windblown rain environments. With all the configurations of circuits to choose from, you are sure to find the PDU that meets your needs.



4 Panel Option Available

Please Call Factory for Details

Multiple Receptacle Combinations

See Chart

See the Video

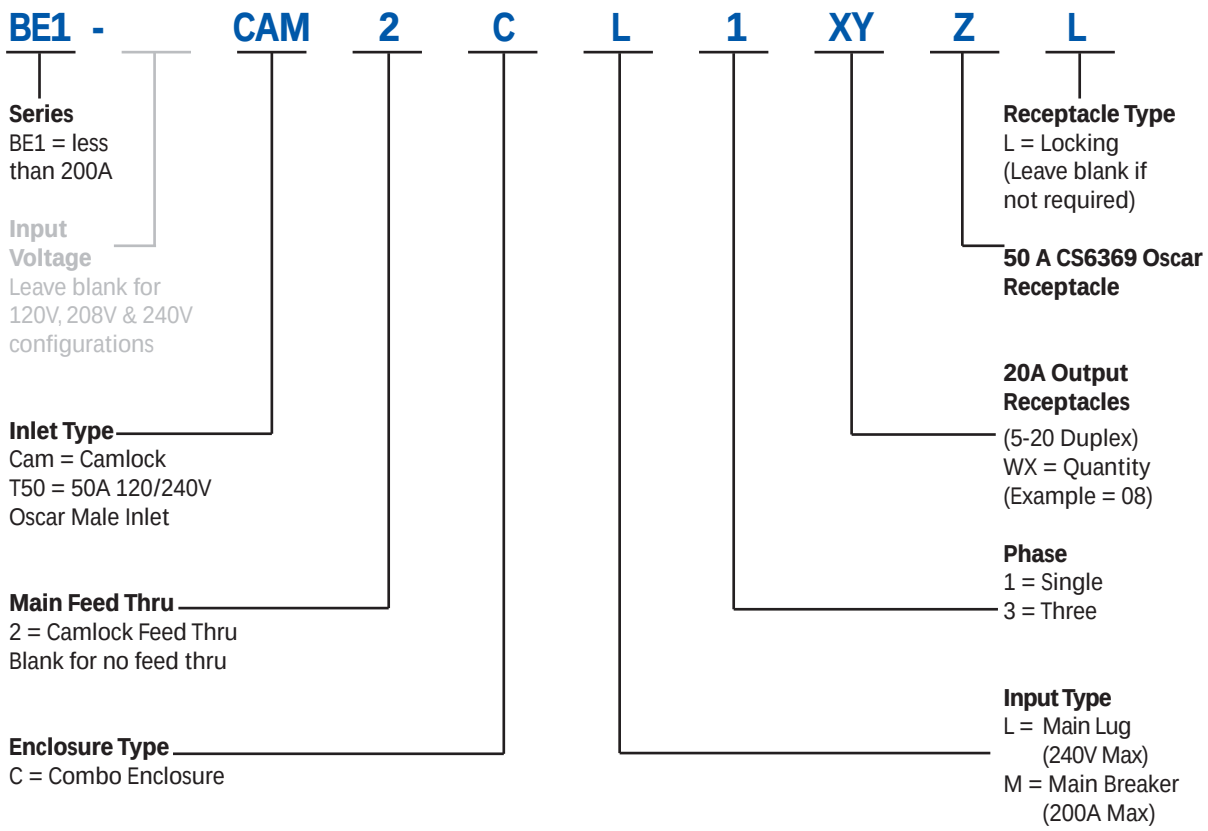
Made in the USA

NEMA 3R

Outdoor Rated

UL LISTED

PS Certified



Big-E™ Jr.

	INPUT POWER				OUTPUT CONNECTIONS	
Catalog Number	Voltage	Phase	Male Inlet Type	Female Mains Feed Thru	Receptacles Installed	Circuit & Personnel Protection
BE1-T50CM1080[1]	240	1	CS6375 Twistlock	--	(8) NEMA 5-15/20 T Slot GFI DPLX	(8) GFCI DPLX, (8) 20A C.B.
BE1-CAMCL1061	240	1	CAM SET (4)	--	(6) NEMA 5-15/20 T Slot DPLX (1) CS6369	(6) GFCI C.B. & (1) 50A C.B.
BE1-CAMCL1062	240	1	CAM SET (4)	--	(6) NEMA 5-15/20 T Slot DPLX (2) CS6369	(6) GFCI C.B. & (2) 50A C.B.
BE1-CAMCL1120	240	1	CAM SET (4)	--	(12) NEMA 5-15/20 T Slot GFI DPLX	(12) GFCI DPLX, (12) 20A C.B.
BE1-CAMCL1180	240	1	CAM SET (4)	--	(18) NEMA 5-15/20 T Slot DPLX	(18) GFCI C.B.
BE1-CAM2CL1063	240	1	CAM SET (4)	CAM SET (4)	(6) NEMA 5-15/20 T Slot DPLX (3) CS6369	(6) GFCI C.B.,(3) 50A C.B.
BE1-CAM2CL1120	240	1	CAM SET (4)	CAM SET (4)	(12) NEMA 5-15/20 T Slot GFI DPLX	(12) GFCI DPLX, (12) 20A C.B.
BE1-CAM2CL1180	240	1	CAM SET (4)	CAM SET (4)	(18) NEMA 5-15/20 T Slot DPLX	(18) GFCI C.B.
BE1-CAMCL3003	208	3	CAM SET (5)	--	(3) CS6369 "Oscar Feeder"	(3) 50A C.B.
BE1-CAMCL3006	208	3	CAM SET (5)	--	(6) CS6369 "Oscar Feeder"	(6) 50A C.B.
BE1-CAMCL3060L	208	3	CAM SET (5)	--	(6) L21-20	(6) 3P 20A C.B.
BE1-CAMCL3061	208	3	CAM SET (5)	--	(6) NEMA 5-15/20 T Slot DPLX(1) CS6369	(6) GFCI C.B. &(1) 50A C.B.
BE1-CAMCL3062	208	3	CAM SET (5)	--	(6) NEMA 5-15/20 T Slot DPLX(2) CS6369	(6) GFCI C.B. &(2) 50A C.B.
BE1-CAMCL3063	208	3	CAM SET (5)	--	(6) NEMA 5-15/20 T Slot DPLX(3) CS6369	(6) GFCI C.B. &(3) 50A C.B.
BE1-CAMCL3120	208	3	CAM SET (5)	--	(12) NEMA 5-15/20 T Slot GFI DPLX	(12) GFCI DPLX, (12) 20A C.B.
BE1-CAMCL3180	208	3	CAM SET (5)	--	(18) NEMA 5-15/20 T Slot DPLX	(18) GFCI C.B.
BE1-CAM2CL3006	208	3	CAM SET (5)	CAM SET (5)	(6) CS6369	(6) 50A C.B.
BE1-CAM2CL3063	208	3	CAM SET (5)	CAM SET (5)	(6) NEMA 5-15/20 T Slot DPLX (3) CS6369	(6) GFCI C.B. &(3) 50A C.B.
BE1-CAM2CL3120	208	3	CAM SET (5)	CAM SET (5)	(12) NEMA 5-15/20 T Slot GFI DPLX	(12) GFCI DPLX, (12) 20A C.B.
BE1-CAM2CL3180	208	3	CAM SET (5)	CAM SET (5)	(18) NEMA 5-15/20 T Slot DPLX	(18) GFCI C.B.

Note: 1. MCB = Main Circuit Breaker installed

Big-E™ Series - 400 Amp Power Distribution

Cover folds flat when unit is not in use

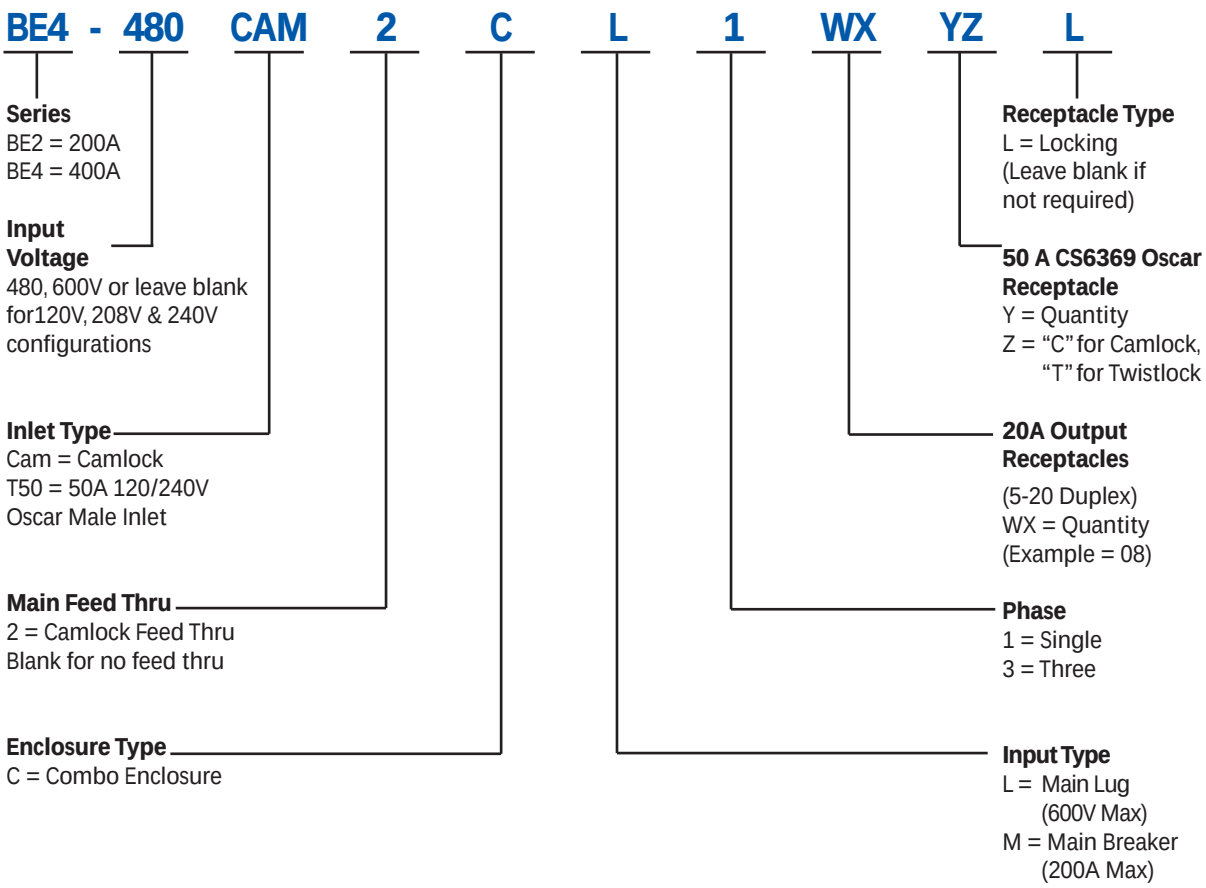
FEATURES:

- UL & cQPS Listed
- 600 V, 480 V or 120/208 V or 240 volt power distribution
- Circuit breakers under NEMA 3R rain proof cover
- Up to 400 Amp capacity
- Camlock main power connections
- Welder power distribution 480V (select models)
- Heavy duty welded metal frame
- Powder coated steel enclosure for corrosion resistance
- Easy to move and store
- Frames stack & lock together for storage
- Lifting eyes
- Utilizes industry standard circuit breakers
- 48" high
- Hinged flip lid assembly
- Rain side flaps fold in for storage
- Engineered solutions available, contact factory for more information

Hinged folding front panel

See the Video

Made in the USA



	INPUT POWER				OUTPUT CONNECTIONS	
Catalog Number	Voltage	Phase	Inlet Type	Mains Feed Thru	Receptacles Installed	Circuit & Personnel Protection
BE4-CAM2CL3062CL	208	3	CAM SET (5)	CAM SET (5)	(6) L21-20 & (2 SETS) CAMLOCK	(6) 20A 3P C.B. Non-GFCI
BE4-CAM2CL3122C	208	3	CAM SET (5)	CAM SET (5)	(12) 5-20 DPLX & (2 SETS) CAMLOCK	(12) 20A GFCI C.B.
BE4-CAMCL1008T	240	1	CAM SET (4)	--	(8) CS6369 "Oscar Feeder"	(8) 50A 2P C.B.
BE4-CAMCL3004C	208	3	CAM SET (5)	--	(4 SETS) CAMLOCK	(4) 100A 3P C.B.
BE4-CAMCL3062CL	208	3	CAM SET (5)	--	(6) L21-20 & (2 SETS) CAMLOCK	(6) 20A 3P C.B. Non-GFCI
BE4-CAMCL3122C	208	3	CAM SET (5)	--	(12) 5-20 DPLX & (2 SETS) CAMLOCK	(12) 20A GFCI C.B.
BE4-480CAM2CL3002C	480	3	CAM SET (4)	CAM SET (4)	(2 SETS) CAMLOCK	480V (4) 100A 3P C.B.
BE4-480CAMCL3004C	480	3	CAM SET (4)	--	(4 SETS) CAMLOCK	480V (4) 100A 3P C.B.
BE4-480CAMCL3004I	480	3	CAM SET (4)	--	(4) 100A IEC 4100RA7 Angled	480V (4) 100A 3P C.B.
BE4-600CAM2CL1004C	600	1	CAM SET (4)	CAM SET (4)	(4 SETS) CAMLOCK (1 Phase)	600V (4) 100A 3P C.B.
BE4-600CAM2CL3004C	600	3	CAM SET (4)	CAM SET (4)	(4 SETS) CAMLOCK	600V (4) 100A 3P C.B.
BE4-600CAMCL3004C	600	3	CAM SET (4)	--	(4 SETS) CAMLOCK	600V (4) 100A 3P C.B.

Available from Ericson...Oscar® Box Temporary Power Distribution Units

Versatile protection for your jobsite, the Oscar® box is available in many standard GFCI protected configurations or contact the factory for a custom need.

Applications:

- Industrial, commercial and residential construction projects
- General maintenance and repair work (MRO) in industrial facilities
- Temporary power distribution at carnivals, circuses, fairs & similar events
- Convention centers to distribute power for exhibitions & maintenance
- Photo studios to distribute power to flash & other photographic equipment

1066 Series Basic Contractor PDU Features:

- CS6375 50Amp, 240V 4W power inlet
- 20A GFCI protected circuit breaker
- Indoor & outdoor models

1066 Series Basic Contractor PDU Features:

- CS6375 50Amp, 125/250V power inlet
- Six(6) NEMA 5-20 (20A,125V) straight blade duplex receptacles with circuit breaker and GFCI protection
- Each NEMA 5-20 outlet is individually GFCI protected
- One(1) NEMA L6-30(30A,250V) locking outlet with circuit breaker protection
- 50A, 125/250V power outlet
- Indoor & outdoor models

1067-LC Series Industrial PDU Features:

- CS6375 50Amp, 125/250V power inlet
- FS series weather-resistant flip seal outlet covers protect each outlet. Use with Ericson's Perma-Tite® plug to provide maximum weather resistance
- Six(6) NEMA 5-20 (20A,125V) straight blade receptacles with circuit breaker and GFCI protection
- Each NEMA 5-20 outlet is individually GFCI protected
- One(1) NEMA L6-30(30A,250V) locking outlet with circuit breaker protection
- 50A, 125/250V power outlet
- Indoor & outdoor models

1067 Series Deluxe Electronic Industrial PDU Features:

- CS6375 50Amp, 125/250V power inlet
- Input power diagnostic module (IPDM), adjacent to power inlet, provides visual indication of supply power status - easy to read chart for quick reference. Standard on all models and field replaceable
- Exclusive voltage monitor modules (VMM) continuously monitors voltage - if supply voltage falls outside of safe operating range VMM disconnects power to GFCIs/outlets
- Each NEMA 5-20 outlet is individually GFCI protected

1068 Series 3 Phase 208V PDU Features:

- Choice of main inlet types - IEC309 power-inlet and power-outlet or camlock
- Exclusive IPDM module installed
- GFCI or non-gfci circuit breakers available
- Receptacles protected by Ericson's FS Series flip seal covers
- Camlock inputs available

Oscar™ PowerCart - Temporary Power Distribution Center

- Single and Three Phase Operation
- 200 A, 100 A, and 60 A Options
- 120 V / 208 V, 120 V / 240 V, 480 V, 600 V
- Job-site Friendly Breaker Panel Access

Made in the USA

Ericson P/N	Electrical Rating	Receptacle Flip Covers	GFCI & C.B. Protected 20A Circuits	NON-GFCI 30A C.B.	GFCI C.B. For 30A Circuit	5-20R Duplexes	L6-30R Single Recpt	5-20R Straight Recpts	L5-20R Recpts (Single)	Daisy Chain Feed Thru Recpt W/ Flip Cover
1066	125/250V 1PH 4W 50A		☑	☑		6	1			☑
1066-B	125/250V 1PH 4W 50A		☑		☑	6	1			☑
1066FS	125/250V 1PH 4W 50A	☑	☑	☑		6	1			☑
1066-BFS	125/250V 1PH 4W 50A	☑	☑		☑	6	1			☑
1067-LC	125/250V 1PH 4W 50A	☑	☑	☑			1	6		☑
1067-ALC	125/250V 1PH 4W 50A	☑	☑	☑			1		6	☑
1067-BLC	125/250V 1PH 4W 50A	☑	☑		☑		1	6		☑
1067-CLC	125/250V 1PH 4W 50A	☑	☑		☑		1		6	☑
1067-LCNF	125/250V 1PH 4W 50A		☑	☑			1	6		☑
1067-ALCNF	125/250V 1PH 4W 50A		☑	☑			1		6	☑
1067-BLCNF	125/250V 1PH 4W 50A		☑		☑		1	6		☑
1067-CLCNF	125/250V 1PH 4W 50A		☑		☑		1		6	☑
1067	125/250V 1PH 4W 50A	☑	☑	☑			1	6		☑
1067-A	125/250V 1PH 4W 50A	☑	☑	☑			1		6	☑
1067-B	125/250V 1PH 4W 50A	☑	☑		☑		1	6		☑
1067-C	125/250V 1PH 4W 50A	☑	☑		☑		1		6	☑
3 PHASE							L21-20	5-20	L5-20	
1068	208Y/120V 3PH 5W 60A	☑	☑					6		☑
1068-A	208Y/120V 3PH 5W 60A	☑	☑						6	☑
1068-C	208Y/120V 3PH 5W 125A	☑	☑					6		☑
1068-1	208Y/120V 3PH 5W 100A	☑	☑				2	4		☑
1068-1A	100A	☑	☑				2		4	☑
1068-1C	125A	☑	☑					6		☑

	3R	Recept Style	30A GFCI	Flip Style 6/1	Flip Style In/Out
1067-LC	Y	T-slot 20	N	LCFL/LCFL	50A/FS
1067-ALC	Y	L5-20	N	LCFL/LCFL	50A/FS
1067-BLC	Y	T-slot 20	Y	LCFL/LCFL	50A/FS
1067-CLC	Y	L5-20	Y	LCFL/LCFL	50A/FS
1067	Y	T-slot 20	N	LCFL/LCFL	50A/FS
1067-A	Y	L5-20	N	LCFL/LCFL	50A/FS
1067-B	Y	T-slot 20	Y	LCFL/LCFL	50A/FS
1067-C	Y	L5-20	Y	LCFL/LCFL	50A/FS

Mini-e - Portable Power Distribution Center

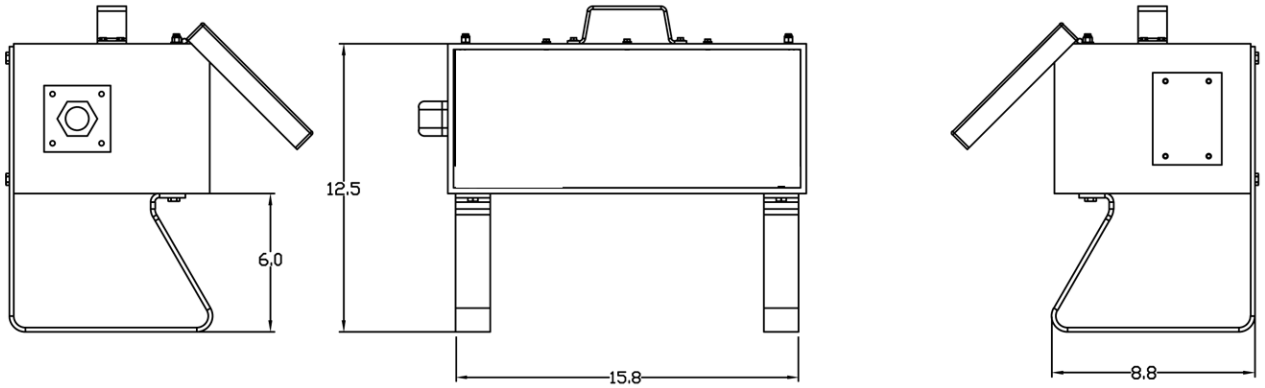
FEATURES:

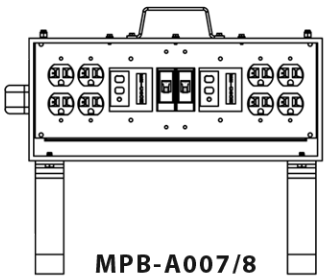
- UL/cQPS Listed
- 20A, 30A and 50A models
- Heavy duty safety yellow powder-coated enclosure
- NEMA 3R rated
- Automatic power up GFCI protection
- Optional main feed-thru to allow daisy Chaining multiple boxes
- Easy carry handle
- Twist lock lid

The Mini-e Temporary Power Distribution Center (PDU) is the latest in compact power distribution from the award winning design team at Ericson. Lots of power in a small rugged jobsite enclosure is the exclusive design of the Mini-e. NEMA 3R In-Use Rain Rated with multiple configurations to chose from, the Mini-e is the answer to your power needs. Cord connected or male power inlet styles make this design a versatile PDU for all applications.

Assembled in the USA

NEMA 3R





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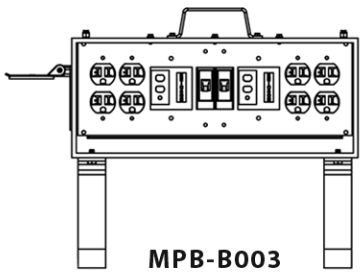


MPB-B003

P/N	Electrical Rating	Plug/Inlet	Mains Feed Thru	Receptacles	Circuit Breakers
MPB-A007	125/250 V 1PH 20 A	L14-20	Optional	(4) 5-20 Dplx	(2) CB 20A & (2) 1075 GFCI
MPB-A008	125/250 V 1PH 30 A	L14-30			
MPB-B003	125/250 V 1PH 50 A	50A 240V 4W CS6375 Flip Inlet			

Oscar® Temporary Power Distribution Centers - 1066 Series

CS6369
50A,
125/250V
power
outlet.

FEATURES:

- Power inlet & outlet clearly marked on lid for quick identification
- Heavy-duty safety yellow powder-coated enclosure
- Each NEMA 5-20 outlet is individually GFCI protected with open neutral protection
- 50A, 125/250V power inlet
- Automatic power-up GFCIs are ready immediately Only need to push reset after a trip
- Heavy-duty powder-coated steel skids to insure rugged, dependable jobsite performance
- Flip covers protects outlets from damage & the weather
- A variety of accessories are available
- Unit is field repairable by qualified personnel. Parts list and wiring diagram appear on underside of lid
- Flip up door protects circuit breakers from damage & weather
- Product label with clear markings for easy identification of model number, serial number and specifications

Typical Applications Include:

- Industrial, commercial and residential construction projects
- General maintenance and repair work (MRO) in industrial facilities
- Temporary power distribution at carnivals, circuses, fairs & similar events
- Convention centers to distribute power for exhibitions & maintenance
- Photo studios to distribute power to flash & other photographic equipment

Made in the USA

NEMA 3R

Outdoor Rated

Selection Guide

Catalog Number	1066	1066-B	1066FS	1066-BFS
Electrical Rating	50A 125/250V	50A 125/250V	50A 125/250V	50A 125/250V
	6250W/12500W	6250W/12500W	6250W/12500W	6250W/12500W
Enclosure	Steel Welded Powder Coated	Steel Welded Powder Coated	Steel Welded Powder Coated	Steel Welded Powder Coated
Environmental/NEMA Rating	Indoor Use Only	Indoor Use Only	Indoor/Outdoor 3R	Indoor/Outdoor 3R
Receptacles				
A Type (6 per box)	NEMA 5-20 T Slot Duplex (125V 20A)	NEMA 5-20 T Slot Duplex (125V 20A)	NEMA 5-20 T Slot Duplex (125V 20A)	NEMA 5-20 T Slot Duplex (125V 20A)
Qty.	6	6	6	6
GFCI Protection	Yes	Yes	Yes	Yes
Overload Protection	Yes - 1P 20A C.B. (1 per Duplex)	Yes - 1P 20A C.B. (1 per Duplex)	Yes - 1P 20A C.B. (1 per Duplex)	Yes - 1P 20A C.B. (1 per Duplex)
Flip Covers	No	No	Yes	Yes
B Type (1 Per Box)	L6-30 (30A, 250V)	L6-30 (30A, 250V)	L6-30 (30A, 250V)	L6-30 (30A, 250V)
Qty.	1	1	1	1
240V GFCI Protection	No	Yes	No	Yes
Overload Protection	Yes - 2P NON-GFCI	Yes - 2P GFCI	Yes - 2P NON-GFCI	Yes - 2P GFCI
Flip Covers	No	No	Yes	Yes
Main Power Inlet	4W CS6375 (50A,125/250V)	4W CS6375 (50A,125/250V)	4W CS6375 (50A,125/250V)	4W CS6375 (50A,125/250V)
Inlet Flip Cover	No	No	Yes	Yes
Main Power Outlet (Mains Feed Thru)	4W CS6369 (50A,125/250V)	4W CS6369 (50A,125/250V)	4W CS6369 (50A,125/250V)	4W CS6369 (50A,125/250V)
Mains Feed thru Flip Cover	Yes	Yes	Yes	Yes
Weight (lbs.)	34	34	36	36
Dimensions	22.5"L x 16.25"W	22.5"L x 16.25"W	22.5"L x 16.25"W	22.5"L x 16.25"W
	x 11.75"H	x 11.75"H	x 11.75"H	x 11.75"H

Notes: Contact factory for custom assemblies

Accessories

Cat. Number	Description
63DS0[1]	Cord set, 100', #6/3 - 8/1 SO 50A 125V/250V
63BS0[1]	Cord set, 50', #6/3 - 8/1 SO 50A 125V/250V
SR50	Power Outlet Receptacle in weatherproof box with lift cover and 24" leads 50A, 125V/250V

Note: [1] Also available as a secondary cable assembly - cord with connector only - to hard wire into your power source.

63DSO

SR50

63YSTW

See Our Complete Line of 50Amp Power Cords in the Power Cord Section

Oscar® Temporary Power Distribution Centers - 1067LC Series

CS6369 50A, 125/250V power outlet.

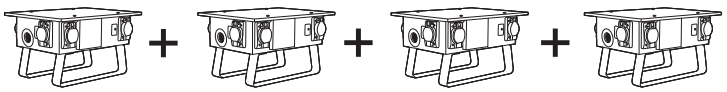
FEATURES:

- Heavy-duty safety, yellow powder-coated enclosure provides NEMA 3R weather resistance protection for circuitry
- Each NEMA 5-20 outlet is individually GFCI protected
- Blue flip seal covers are labeled for quick identification of electrical ratings.
- CS6375 50Amp, 125/250V power inlet
- Flip up door protects circuit breakers from damage & the weather
- Heavy-duty powder-coated steel skids to insure rugged, dependable jobsite performance
- Automatic power-up GFCIs are ready immediately. Only need to push reset after a trip
- Power inlet & outlet clearly marked on lid for quick identification
- FS series weather-resistant flip seal outlet covers protect each outlet. Use with Ericson's Perma-Tite plug to provide maximum weather resistance
- Unit is field repairable by qualified personnel. Parts list and wiring diagram appear on underside of lid

Typical Applications Include:

- Industrial, commercial and residential construction projects
- General maintenance and repair work (MRO) in industrial facilities
- Temporary power distribution at carnivals, circuses, fairs & similar events
- Convention centers to distribute power for exhibitions & maintenance
- Photo studios to distribute power to flash & other photographic equipment

Power Option: Can be daisy chained together!



Note: Meets OSHA & NEC Codes for jobsites and carnivals, fairs and outdoor events.

Made in the USA

NEMA 3R

Outdoor Rated

Selection Guide

Catalog Number	1067LC	1067-ALC	1067-BLC	1067-CLC
Electrical Rating	50A 125/250V	50A 125/250V	50A 125/250V	50A 125/250V
	6250W/12500W	6250W/12500W	6250W/12500W	6250W/12500W
Enclosure	Steel Welded Powder Coated	Steel Welded Powder Coated	Steel Welded Powder Coated	Steel Welded Powder Coated
Environmental/NEMA Rating	Indoor/Outdoor 3R	Indoor/Outdoor 3R	Indoor/Outdoor 3R	Indoor/Outdoor 3R
Receptacles				
A Type (6 per box)	NEMA 5-20 T Slot Single (125V 20A)	NEMA L5-20 Locking Single (125V 20A)	NEMA 5-20 T Slot Single (125V 20A)	NEMA L5-20 Locking Single (125V 20A)
Qty.	6	6	6	6
GFCI Protection	Yes	Yes	Yes	Yes
Overload Protection	Yes - 1P 20A C.B. (1 per Receptacle)	Yes - 1P 20A C.B. (1 per Receptacle)	Yes - 1P 20A C.B. (1 per Receptacle)	Yes - 1P 20A C.B. (1 per Receptacle)
Flip Covers	Yes	Yes	Yes	Yes
B Type (1 Per Box)	L6-30 (30A, 250V)	L6-30 (30A, 250V)	L6-30 (30A, 250V)	L6-30 (30A, 250V)
Qty.	1	1	1	1
240V GFCI Protection	No	No	Yes	Yes
Overload Protection	Yes - 2P NON-GFCI	Yes - 2P NON-GFCI	Yes - 2P GFCI	Yes - 2P GFCI
Flip Covers	Yes	Yes	Yes	Yes
Main Power Inlet	4W CS6375 (50A,125/250V)	4W CS6375 (50A,125/250V)	4W CS6375 (50A,125/250V)	4W CS6375 (50A,125/250V)
Inlet Flip Cover	Yes	Yes	Yes	Yes
Main Power Outlet (Mains Feed Thru)	4W CS6369 (50A,125/250V)	4W CS6369 (50A,125/250V)	4W CS6369 (50A,125/250V)	4W CS6369 (50A,125/250V)
Mains Feed thru Flip Cover	Yes	Yes	Yes	Yes
Weight (lbs.)	35	35	37	37
Dimensions	22.5"L x 16.25"W	22.5"L x 16.25"W	22.5"L x 16.25"W	22.5"L x 16.25"W
	x 11.75"H	x 11.75"H	x 11.75"H	x 11.75"H

Note: 1. NF models are rated for INDOOR ONLY and do not have flip covers installed.
2. See our complete line of 50Amp power cords in the power cord section.

Accessories

Cat. Number	Description
63DS0[1]	Cord set, 100', #6/3 - 8/1 SO 50A 125V/250V
63BS0[1]	Cord set, 50', #6/3 - 8/1 SO 50A 125V/250V
SR50	Power Outlet Receptacle in weatherproof box with lift cover and 24" leads 50A, 125V/250V

Note: [1]Also available as a secondary cable assembly - cord with connector only - to hard wire into your power source.


63DSO


SR50


63YSTW

Oscar® *Deluxe* Temporary Power Distribution Centers - 1067 Series

CS6369 50A, 125/250V power outlet.

FEATURES:

- Heavy-duty safety, yellow powder-coated enclosure provides NEMA 3R weather resistance protection for circuitry
- Each NEMA 5-20 outlet is individually GFCI protected
- Blue flip seal covers are labeled for quick identification of electrical ratings.
- Automatic power-up GFCIs are ready immediately. Only need to push reset after a trip
- Heavy-duty powder-coated steel skids to insure rugged, dependable jobsite performance
- Flip up door protects circuit breakers from damage & the weather
- CS6375 50Amp, 125/250V power inlet
- Power inlet & outlet clearly marked on lid for quick identification
- Unit is field repairable by qualified personnel. Parts list and wiring diagram appear on underside of lid
- VMM & IPDM available (see Technical Reference section)

Typical Applications Include:

- Industrial, commercial and residential construction projects
- General maintenance and repair work (MRO) in industrial facilities
- Temporary power distribution at carnivals, circuses, fairs & similar events
- Convention centers to distribute power for exhibitions & maintenance
- Photo studios to distribute power to flash & other photographic equipment

Made in the USA

NEMA 3R

Outdoor Rated

Selection Guide

Catalog Number	1067	1067-A	1067-B	1067-C
Electrical Rating	50A 125/250V	50A 125/250V	50A 125/250V	50A 125/250V
	6250W/12500W	6250W/12500W	6250W/12500W	6250W/12500W
Enclosure	Steel Welded Powder Coated	Steel Welded Powder Coated	Steel Welded Powder Coated	Steel Welded Powder Coated
Environmental/NEMA Rating	Indoor/Outdoor 3R	Indoor/Outdoor 3R	Indoor/Outdoor 3R	Indoor/Outdoor 3R
Receptacles				
A Type (6 per box)	NEMA 5-20 T Slot Single (125V 20A)	NEMA L5-20 Locking Single (125V 20A)	NEMA 5-20 T Slot Single (125V 20A)	NEMA L5-20 Locking Single (125V 20A)
Qty.	6	6	6	6
GFCI Protection	Yes	Yes	Yes	Yes
Overload Protection	Yes - 1P 20A C.B. (1 per Receptacle)	Yes - 1P 20A C.B. (1 per Receptacle)	Yes - 1P 20A C.B. (1 per Receptacle)	Yes - 1P 20A C.B. (1 per Receptacle)
Flip Covers	No	No	Yes	Yes
B Type (1 Per Box)	L6-30 (30A, 250V)	L6-30 (30A, 250V)	L6-30 (30A, 250V)	L6-30 (30A, 250V)
Qty.	1	1	1	1
240V GFCI Protection	No	No	Yes	Yes
Overload Protection	Yes - 2P NON-GFCI	Yes - 2P NON-GFCI	Yes - 2P GFCI	Yes - 2P GFCI
Flip Covers	Yes	Yes	Yes	Yes
Power Inlet	4W CS6375 (50A,125/250V)	4W CS6375 (50A,125/250V)	4W CS6375 (50A,125/250V)	4W CS6375 (50A,125/250V)
Inlet Flip Cover	Yes	Yes	Yes	Yes
Power Outlet (Mains Feed Thru)	4W CS6369 (50A,125/250V)	4W CS6369 (50A,125/250V)	4W CS6369 (50A,125/250V)	4W CS6369 (50A,125/250V)
Mains Feed thru Flip Cover	Yes	Yes	Yes	Yes
Weight (lbs.)	35	35	37	37
Dimensions	22.5"L x 16.25"W	22.5"L x 16.25"W	22.5"L x 16.25"W	22.5"L x 16.25"W
	x 11.75"H	x 11.75"H	x 11.75"H	x 11.75"H

Note: 1. Contact factory for IPDM and VMM option (see Technical Reference section).
2. See our complete line of 50Amp power cords in the power cord section.

Accessories

Cat. Number	Description
63DS0[1]	Cord set, 100', #6/3 - 8/1 SO 50A 125V/250V
63BS0[1]	Cord set, 50', #6/3 - 8/1 SO 50A 125V/250V
63YSTW	Cord set, 3 ft. "Y" #6/3 & #8/1 (Gnd) 50A
SR50	Power Outlet Receptacle in weatherproof box with lift cover and 24" leads 50A, 125V/250V

Note: [1]Also available as a secondary cable assembly - cord with connector only - to hard wire into your power source.


63DSO


SR50

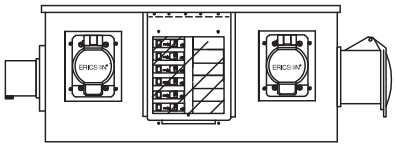

63YSTW

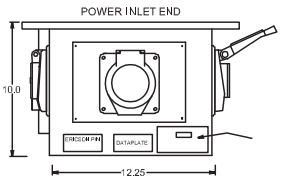
1068 Magnum - 3 Phase 208V Oscar Box

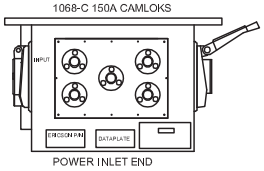
1068 shown

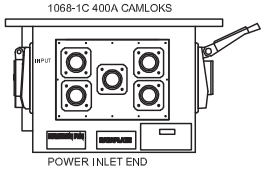
FEATURES:

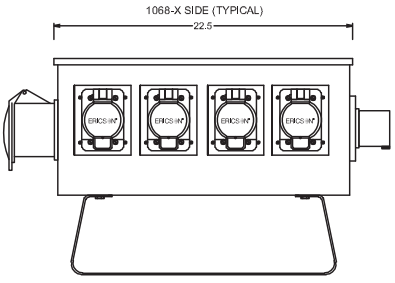
- UL Listed
- IEC309 power-inlet and power-outlet or camlock
- Receptacles protected by Ericson's FS Series flip seal covers
- Clear polycarbonate window allows visual identification of circuit breaker status
- Several main inlet types to choose from
- Wide variety of receptacles available
- Powder coated to prevent corrosion
- All steel heavy duty construction
- Up to 100 Amp 3 phase 208Y 120V
- Heavy duty steel leg skids
- GFCI circuit breakers available
- Spring loaded flip lid with internal seal

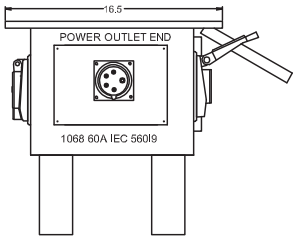


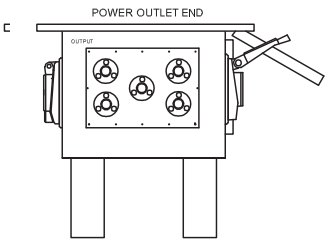


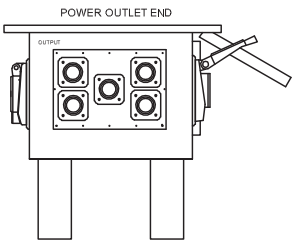


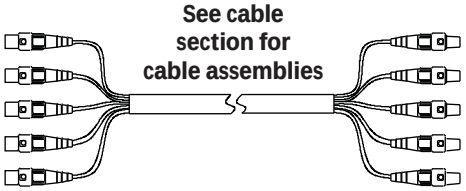












Made in the USA

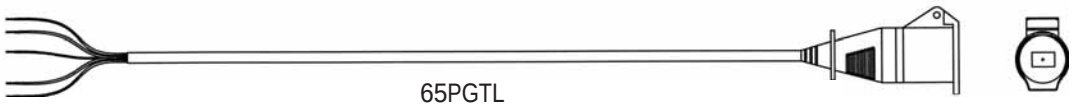
NEMA 3R

Outdoor Rated

UL LISTED

Selection Guide

Catalog Number	1068	1068-A	1068-C	1068-1	1068-1A	1068-1C
Electrical Rating	3 Ph 208Y/120 60A	3 Ph 208Y/120 60A	3 Ph 208Y/120 125A	3 Ph 208Y/120 100A	3 Ph 208Y/120 100A	3 Ph 208Y/120 125A
Enclosure	Steel Welded Powder Coated	Steel Welded Powder Coated	Steel Welded Powder Coated	Steel Welded Powder Coated	Steel Welded Powder Coated	Steel Welded Powder Coated
Environmental/NEMA Rating	Indoor/Outdoor 3R	Indoor/Outdoor 3R	Indoor/Outdoor 3R	Indoor/Outdoor 3R	Indoor/Outdoor 3R	Indoor/Outdoor 3R
Receptacles						
A Type	**NEMA 5-20 T Slot Single (125V 20A)**	**NEMA L5-20 Locking Single (125V 20A)**	**NEMA L5-20 Locking Single (125V 20A)**	**NEMA 5-20 T Slot Single (125V 20A)**	**NEMA L5-20 Locking Single (125V 20A)**	**NEMA L5-20 Locking Single (125V 20A)**
Qty.	6	6	6	4	4	6
GFCI Protection	Yes	Yes	Yes	Yes	Yes	Yes
Overload Protection	Yes - 1P 20A C.B. (1 per Receptacle)	Yes - 1P 20A C.B. (1 per Receptacle)	Yes - 1P 20A C.B. (1 per Receptacle)	Yes - 1P 20A C.B. (1 per Receptacle)	Yes - 1P 20A C.B. (1 per Receptacle)	Yes - 1P 20A C.B. (1 per Receptacle)
Flip Covers*	Yes	Yes	Yes	Yes	Yes	Yes
B Type	n/a	n/a	n/a	**NEMA L21-20R (208V 3PH 5W 20A)**	**NEMA L21-20R (208V 3PH 5W 20A)**	n/a
Qty.	n/a	n/a	n/a	2	2	n/a
GFCI Protection	n/a	n/a	n/a	No	No	n/a
Overload Protection	n/a	n/a	n/a	Yes - 3P C.B. per circuit	Yes - 3P C.B. per circuit	n/a
Flip Covers*	n/a	n/a	n/a	Yes	Yes	n/a
Main Power Inlet	5W 208V 60A IEC 5 pin 560I9 Configuration	5W 208V 60A IEC 5 pin 560I9 Configuration	CAMLOCK S (150 Amp size) 5 color Male L1,L2,L3,N,G	5W 208V 100A IEC 5 pin 5100I9 Configuration	5W 208V 100A IEC 5 pin 5100I9 Configuration	CAMLOCK S, LARGE (400 Amp size) 5 color Male L1,L2,L3,N,G
Inlet Flip Cover	No	No	No	No	No	No
Main Power Outlet (Mains Feed Thru)	5W 208V 60A IEC 5 pin 560R9 Configuration	5W 208V 60A IEC 5 pin 560R9 Configuration	CAMLOCK S (150 Amp size) 5 color Female L1,L2,L3,N,G	5W 208V 100A IEC 5 pin 5100R9 Configuration	5W 208V 100A IEC 5 pin 5100R9 Configuration	CAMLOCK S, LARGE (400 Amp size) 5 color Female L1,L2,L3,N,G
Mains Feed thru Flip Cover	Yes	Yes	Yes - Individual flips per camlock	Yes	Yes	Yes - Individual flips per camlock
Weight (lbs.)	42	42	44	44	44	46
Dimensions	22.5"L x 16.25"W	22.5"L x 16.25"W	22.5"L x 16.25"W	22.5"L x 16.25"W	22.5"L x 16.25"W	22.5"L x 16.25"W
	x 16.25"H	x 16.25"H	x 16.25"H	x 16.25"H	x 16.25"H	x 16.25"H



Cat. Number IEC Style Cordsets	Rating	Length (ft)	Cord Size	Cord Type	Plug	Connector
65BSO **65DSO**	60 A	50 100	#6/5	SO	4P 5W 60 Amp IEC 560P9E or equiv	4P 5W 60 Amp IEC 560C9E or equiv
65PGTL-50 **65PGTL-100**		50 100			Blunt - ROJ 8"	
45BSO **45DSO**	90 A	50 100	#4/5	G	4P 5W 100 Amp IEC 5100P9E or equiv	4P 5W 100 Amp IEC 5100C9E or equiv
45PGTL-25 **45PGTL-50** **45PGTL-100**		25 50 100			Blunt - ROJ 8"	

Note: #2/5 also available - call for details.

Oscar® 2 - Expo Series Temporary Power Distribution Centers

Custom Oscar® 2 Expo Series with color-coded duplex receptacles

FEATURES:

- 12 standard side slots
- 125A, 120/208V, 4P5W, IEC309 power inlet shown
- Choice of metal flip top or smoke clear removable top enables visual inspection without entering the panel
- Two side panels accommodate a wide range of devices
- Up to 19* available slots accommodate a variety of devices
- Front & rear panels accommodate a wide range of standard devices
- Other power input options include single-phase and CAM type devices
- Optional removable leg assemblies enable the panel to be used in a variety of configurations
- Main feed thru receptacle is optional and not standard on this series

When you need a temporary power distribution box that will meet your requirements, look to the Oscar® 2 Series from Ericson. The flexible design platform of the new Oscar® 2 allows you to configure a Temporary Power Distribution Center that is right for you. The Oscar® 2 Expo Series picks up where the 1066/1067 leaves off.

Typical Applications Include:

· Convention Centers · Outdoor Events · Festivals · Carnivals, etc. · Concerts · Stage & Studio

- Meets NEC 525 for venue temporary power
- Meets OSHA requirements for public venue power

OS2E03100C4CNLE
Indoor version

OS2E03100XPML D
Outdoor version

Made in the USA

NEMA 3R

Outdoor Rated

Oscar® 2 Expo Series Catalog Number Structure

OS2E — **03** — **060** **P** **M** **L** **B** — **-F** Power Feed Thru Option (leave blank for standard models)

Oscar® 2 Expo Series Power Distribution Box =OS2E

Phase
01 = Single Phase
03 = Three Phase

Amperage
050 = 50 Amp[1]
060 = 60 Amp[2]
100 = 100 Amp
150 = 150 Amp

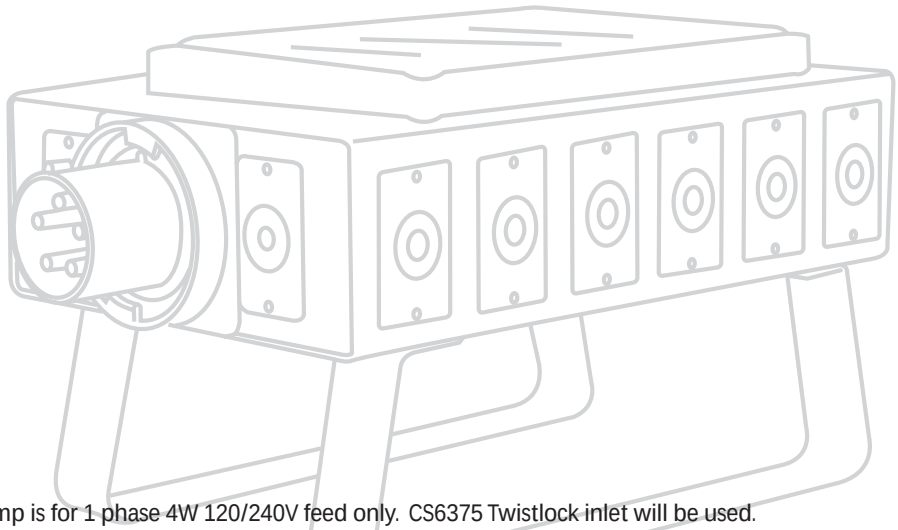
Power Inlet Type
P = IEC Type 309 Pin-n-Sleeve 60 & 100 A
P5 = 50 Amp CS Twistlock
C1 = 150 Amp round base Camlocks
C4 = 400 Amp style square base Camlocks

***Power Feed Thru Option**
Add - F to have a female receptacle of the same type and rating as the inlet added - no C.B. protection

Cover Type
C = Clear Indoor Plastic[3], 4 screw mounting
M = Metal Flat, hinged outdoor[4]

Receptacle/ Breaker Configuration Package
A- 12 each 20A standard duplexes with GFCI 1 20A 1P circuit breakers
B- 12 each 20A GFCI duplexes with standard 20A 1P circuit breakers
C- 10 each 20A GFCI duplexes with non-gfci circuit breakers with 2 each L21-20 Receptacles and non-GFCI 3P circuit breakers
D- 12 each 20A L5-20 locking receptacles with GFCI 20A 1P circuit breakers
E- 6 each L21-20 receptacles with non-gfci 3P circuit breakers
F- 6 each L21-30 receptacles with non-gfci 3P circuit breakers
G- 12 each 5-20 single with flip with GFCI 1 20A 1P circuit breakers

Leg Assembly[5]
NL = No Legs Attached
L = Leg Skids Attached



Notes:
1. Selection of 50 Amp is for 1 phase 4W 120/240V feed only. CS6375 Twistlock inlet will be used.
2. Selection of 60 Amp is for 3 phase 5W 208/120V feed only. IEC 560B9X inlet will be used.
3. Selection of the Indoor Plastic cover will automatically place non-flip cover face covers over the receptacles.
4. Selection of the Outdoor Metal Cover will automatically select FS style flip covers with internal plug grip seals.
5. Leg assemblies required for all outdoor events per NEC 525.

Military Temporary Power Distribution Center

Tactical Oscar® (Jungle)
OS2T-SB Full Green

Tactical Oscar® (desert)
Custom OS2T-SB Sand

FEATURES:

- All Weather
- Convenient hinged lid for easy interior circuit breaker access.
- Military style class L inlet & feed through (60 or 100 Amp, 3ph or 1ph)
- Ground lug for grounding rod use
- Tactical color schemes (sand or green)
- Outdoor use- wet or dry locations
- Enclosure rated NEMA Type 3R- rainproof, suitable for use in damp locations
- IPDM indicator lights are recessed for tactical situations
- Government Purchase Card payment accepted.

Ericson's Oscar® 2-Tactical Temporary Power Distribution Center is built to Military Requirements. Based on the award-winning Oscar® box, the Oscar® 2 has been customized to meet the demands of Military personnel. It features a military style Class L Inlet and Feed thru, Ericson exclusive Input Power Diagnostic Module (IPDM) both GFCI and non-GFCI outlets and all steel construction.

Selection Guide

Input Electrical Rating[1]	Device[2]	Ratings	Protection		GFCI	Catalog Number
			Qty.	Overload		
60A, 3-phase, 120/208V AC 5-wire	Single Outlet Straight Blade Receptacle Class "L" Inlet Class "L" Outlet	NEMA 5-20, 20A/125V 60A, 3-phase Y, 120/208V 60A, 3-phase Y, 120/208V	6 1 1	Yes No No	2 of 6 No No	OS2T-SB*
60A, 3-phase, 120/208V AC 5-wire	Single Outlet Locking Receptacle Class "L" Inlet Class "L" Outlet	NEMA L5-20, 20A/125V 60A, 3-phase Y, 120/208V 60A, 3-phase Y, 120/208V	6 1 1	Yes No No	2 of 6 No No	OS2T-LK*
60A, 3-phase, 120/208V AC 5-wire	Single Outlet Straight Blade Receptacle Class "L" Inlet Class "L" Outlet	NEMA 5-20, 20A/125V 60A, 3-phase Y, 120/208V 60A, 3-phase Y, 120/208V	12 1 1	Yes No No	No	OS2T-SB* Full
60A, 3-phase, 120/208V AC 5-wire	Single Outlet Locking Receptacle Class "L" Inlet Class "L" Outlet	NEMA L5-20, 20A/125V 60A, 3-phase Y, 120/208V 60A, 3-phase Y, 120/208V	12 1 1	Yes No No	No	OS2T-LK* Full

Notes: 1. 100 Amp available - Contact factory
Pick color scheme - green or sand

Oscar® 2 Tactical Cord Sets Selection Guide

Description	Ratings	Catalog Number
Cordset, Pigtail, 6ft., #6/5	60A, 120/208V-5wire	65MIL PGTL
Cordset, 50ft., #6/5		65BSOM
Cordset, 100ft., #6/5		65DSOM

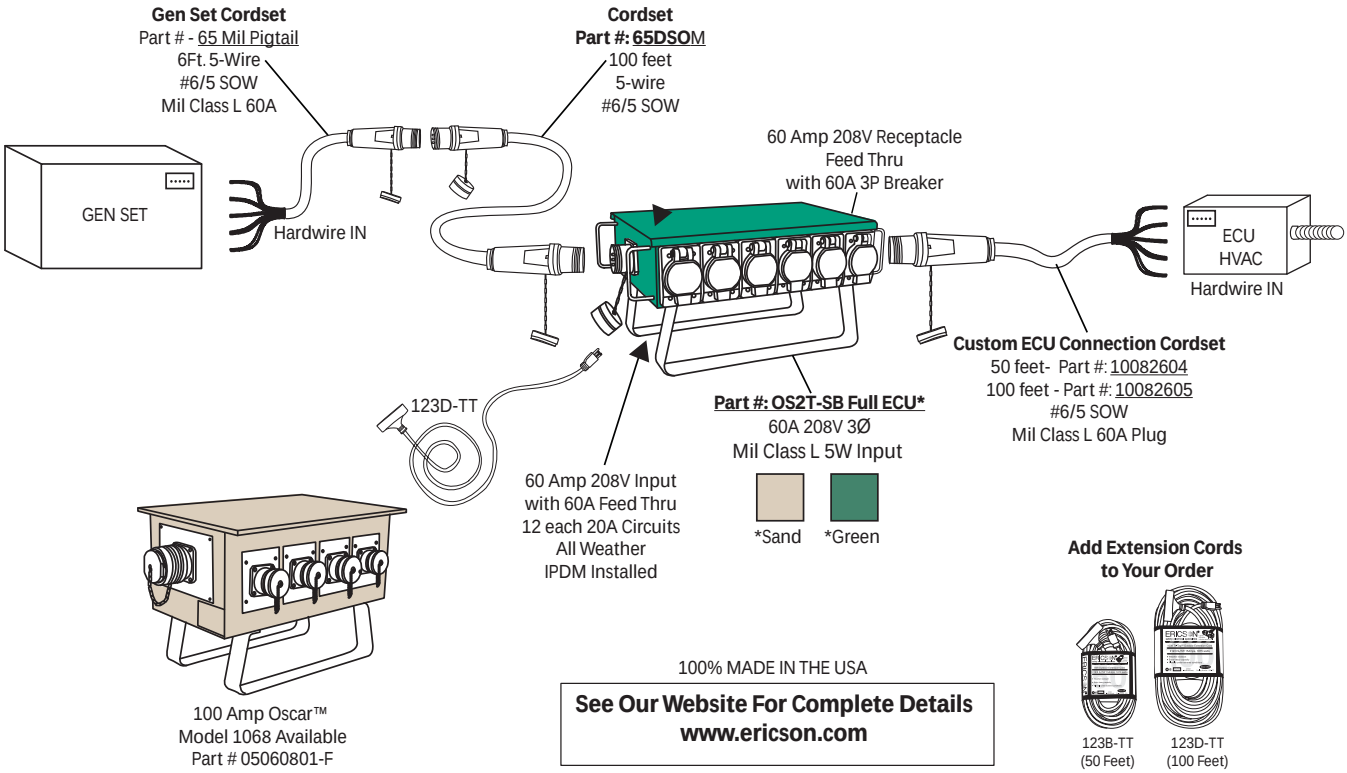
65DSOM
Class L Mil Type

Made in the USA

NEMA 3R

Outdoor Rated

Deployment Temporary Power Distribution Kit



FOB/TOC Power Distribution (100 AMP)
Using Mil Type 1068 Oscar™ Box

Oscar™ PowerCart - Temporary Power Distribution Center

FEATURES:

- UL & cQPS Listed
- Breaker and receptacle personalization
- 200 A, 100 A, and 60 A options
- 120 V / 208 V, 120 V / 240 V, 480 V, 600 V
- Single and three phase operation
- Main lug of pigtail connectivity
- Job-site friendly breaker panel access
- Flexible bottom panel main power access
- Easy-pull tow handle with easy roll tires
- Increased stability and maneuverability
- Dual frame handles for easy lifting
- Snow and mud access clearance
- Camlock and terminal lug options
- Heavy duty welded frame
- Optional main breaker configurations
- Designed to NEMA 3R rain standards
- Built-in forklift access points

Ericson Manufacturing is leading the way with Temporary Power solutions ideal for a wide range of challenging locations and applications with next generation C-Panel functionality. The PowerCart is built rugged enough to survive the harshest jobsite environments, while delivering user benefits such as simplified connectivity access, configuration flexibility and ease of portability. Ericson's solutions are also designed to meet the latest Safety Certifications and Standards affording exceptional peace of mind and confidence.

Flexible configuration alternatives, based on a standard platform constructed of heavy-duty welded steel, provide the ability to meet unique application requirements without the cost typically associated with custom solutions. Designed for simplified plug-n-play use, the Ericson "system" of Temporary Power Carts require minimal setup and teardown time, saving valuable time and associated expense.

The Oscar-PowerCart is ideal for a wide range of applications including:

- Oil / Gas Exploration
- Emergency Response
- Sporting Events
- Construction
- Defense / Safety
- Mining Operations
- Entertainment Venues
- Maintenance
- Rental Services

Made in the USA

NEMA 3R

WET LOCATION RATED

UL LISTED

PS Certified

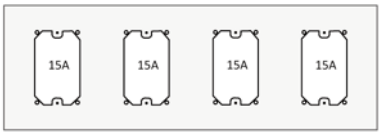
Standard Configuration

Model	Phase	Voltage (V)	Current (A)	Inlet Type	Breaker Type	Main Feed-Thru	Receptacles	Poles	Description
OPC-01-120-100-LSLN-1615-C	1	120/240	100	LUG	STAB	NO	16	16	OUTDOOR (16) 5-15 DPLX GFCI
OPC-01-120-100-LSLN-1615-U	1	120/240	100	LUG	STAB	NO	16	16	OUTDOOR (16) 5-15 DPLX GFCI
OPC-03-208-100-LSLN-1515-C	3	120Y208	100	LUG	STAB	NO	15	15	OUTDOOR (15) 5-15 DPLX GFCI
OPC-03-208-100-LSLN-1515-U	3	120Y208	100	LUG	STAB	NO	15	15	OUTDOOR (15) 5-15 DPLX GFCI
OPC-03-208-100-LSLN-09150330-C	3	120Y208	100	LUG	STAB	NO	12	15	OUTDOOR (9) 5-15 DPLX GFCI (3) L6-30
OPC-03-208-100-LSLN-09150330-U	3	120Y208	100	LUG	STAB	NO	12	15	OUTDOOR (9) 5-15 DPLX GFCI (3) L6-30
OPC -01-120-200-LBLN-14150250-C	1	120/240	200	LUG	BOLT	NO	16	18	OUTDOOR (14) 5-15 DPLX GFCI (2) CS6369
OPC -01-120-200-LBLN-14150250-U	1	120/240	200	LUG	BOLT	NO	16	18	OUTDOOR (14) 5-15 DPLX GFCI (2) CS6369
OPC-03-208-200-LBLN-12150350-C	3	120Y208	200	LUG	BOLT	NO	15	18	OUTDOOR (12) 5-15 DPLX GFCI (3) CS6369
OPC-03-208-200-LBLN-12150350-U	3	120Y208	200	LUG	BOLT	NO	15	18	OUTDOOR (12) 5-15 DPLX GFCI (3) CS6369
OPC-01-120-200-LBLN-121502300250-C	1	120/240	200	LUG	BOLT	NO	16	18	OUTDOOR (12) 5-15 DPLX GFCI (2) L6-30 (2) CS6369
OPC-01-120-200-LBLN-121502300250-U	1	120/240	200	LUG	BOLT	NO	16	18	OUTDOOR (12) 5-15 DPLX GFCI (2) L6-30 (2) CS6369
OPC-03-208-200-LBLN-101503300350-C	3	120Y208	200	LUG	BOLT	NO	16	22	OUTDOOR (10) 5-15 DPLX GFCI (3) L6-30 (3) CS6369
OPC-03-208-200-LBLN-101503300350-U	3	120Y208	200	LUG	BOLT	NO	16	22	OUTDOOR (10) 5-15 DPLX GFCI (3) L6-30 (3) CS6369

Note: 1. 480 V, 600 V and configurations ≥ 200 A require bolt-on breakers.
2. 120 V, 208 V, 200 V and configurations < 200 A have the option to be configured with stab-in breakers.
3. "-C" Canada only model. "-U" USA only model.

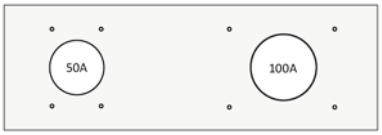
Universal Panel - Typical Layouts

Option 1



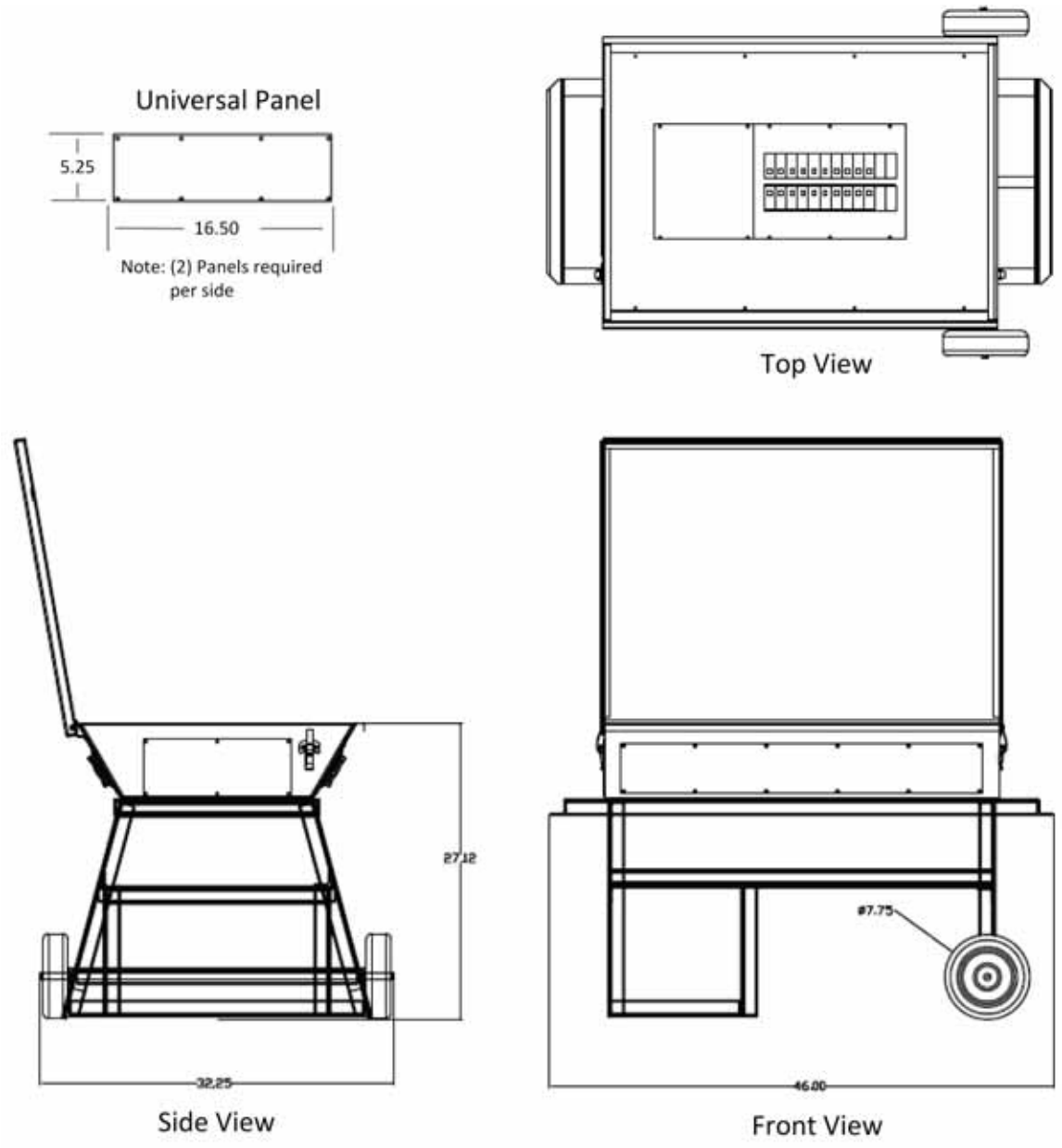
Supports 15 A, 20 A and 30 A receptacles

Option 2



Supports high current 60 A and 100 A receptacles

Option 3



Chassis / Frame Usability Features:

1) Bolt-on punch-out cable access plate
2) Dual side plates
3) Cable Tie-down to frame assembly
4) Captive side plate screws
5) Side plate access for Camlock connection

Made in the USA

NEMA 3R

WET LOCATION RATED

Universal Panel - Flexible Configurator

OPC	–	03	–	120	–	200	–	L	5	L	N	–	1615

Phase
01 = Single
03 = Three

Voltage
120 = 120/240V
208 = 120/208 V
480 = 480 V
600 = 600 V

Amperage
060 = 60 A
100 = 100 A
200 = 200A

Inlet Type
L = Lug
P = Pigtail

Breaker Type
S = Stab-in
B = Bolt-on

Main Breaker
M = Main
L = Lug

Main Feed-thru
F = Yes
N = No

		Receptacles / Breaker (wxyz: wx = Quantity, yz = Type)	
1615	=	(16) 5-15 DPLX	(16) GFCI C.B.
051501300250	=	(5) 5-15 DPLX, (1) L6-30, (2) CS6369	(5) GFCI C.B., (1) 30A C.B., (2) 50A C.B.
07150250	=	(7) 5-15 DPLX, (2) CS6369	(7) GFCI C.B., (2) 50A C.B.
05150150	=	(5) 5-15 DPLXS, (1) CS6369, (2) Blanks	(5) GFCI C.B., (1) 50A C.B.
0430	=	(4) 2930-FS24 (L16-30) W/FLIPS	(4) 30A 3P C.B.
0250	=	(2) CS6369, (4) Blanks	(2) 50A C.B.
0350	=	(3) CS3769, W/FLIPS	(3) 50A 3P C.B.
0360	=	(3) AR642	(3) 60A 3P C.B.

Configuration Options:

1) General Electric and Eaton (Cutler-Hammer) panels
2) Stab-in breakers and bolt-on breakers
3) 6' SOW pigtail with E-Grips strain relief
4) No-wheel, carry only

8000 Series - Portable Industrial Grade Outlet Boxes

8206FS 1.56" Round

8005

8208FS cover
Combo 1.56" & Duplex

8201FS cover
(2) Duplex

8205 cover
TT 30 RV

FEATURES:

- Extra-deep box provides additional wiring space - perfect for use with all cords up to 6/4
- Molded of thermoplastic elastomer (TPE) these non-conductive boxes are crush proof and resistant to jobsite oils
- Plates (sold separately) accommodate a wide range of devices (screw kits included)
- Available with a wide range of cover plates and a full range of replacement parts
- Plate available for use with Ericson's 1075 GFCI module (not included) for added protection and code compliance (class A open neutral protection)
- Cover plates and cord grips are molded of impact resistant nylon and resistant to jobsite oils
- Available as pendant and feed-through boxes
- Wire mesh cord grips available

8000 Series portable electrical enclosures with large internal wiring area which allows for cords from 18/3 to 6/4 cable. Rugged and durable, these outlet boxes are engineered to provide protection against electric shock under harsh conditions.

Selection Guide

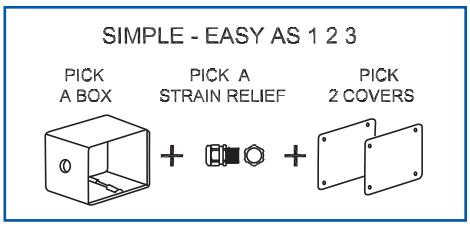
Catalog #	Description
8005	Box with 1 x 1/2" npt hole
8005F	Box with 2 x 1/2" npt holes (1 hole at each end)
8034	Box with 1 x 3/4" npt hole
8034F	Box with 2 x 3/4" npt holes (1 hole at each end)
8010	Box with 1 x 1" npt hole
8010F	Box with 2 x 1" npt holes (1 hole at each end)

Catalog #	Strain Relief Kits
82005	Strain Relief, Cord 1/2 IN NPT W/ Grommets
82034	Strain Relief, Cord, 3/4 IN NPT
82010	Strain Relief, Cord, 1 IN NPT
82005W	Strain Relief, Wire, Cord .5 IN 1/2 NPT
82034W	Strain Relief, Wire, Cord, 3/4 IN NPT
82010W	Strain Relief, Wire, Cord, 1IN NPT

Catalog #	Plates
8200	Plate Blank
8201	Plate, 2 Duplex - No Flip Covers
8201FS	Plate, 2 Duplex With Flip Covers
8202	Plate, 1 GFCI 1075 No Flip Req'd
8203	Plate, 1 GFCI Duplex Receptacle No Flip
8203FS	Plate, 1 GFCI Receptacle With Flip
8204	Plate, 2 GFCI Receptacle - No Flip Covers
8204FS	Plate, 2 GFCI Receptacle With Flip Covers
8205	Plate, 1 LG Recpt RV TT-30 - No Flip Cover
8206	Plate, 2 Single 1.56" Round Recpt- No Flip Cover
8206FS	Plate, 2 Single 1.56" Round Recpt With Flip Covers
8207	Plate, 1 Single 1.56" Round Recpt - No Flip- 1/2 Blank
8207FS	Plate, 1 Single 1.56" Round Recpt With Flip Cover - 1/2 Blank
8208	Plate, 1 Single 1.56" Round & 1 Duplex Recpt - No Flip
8208FS	Plate, 1 Single 1.56" Round & 1 Duplex Recpt With Flip Covers

How To Order

SIMPLE - EASY AS 1 2 3



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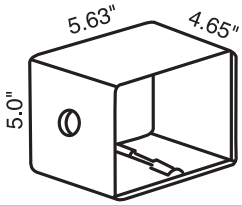
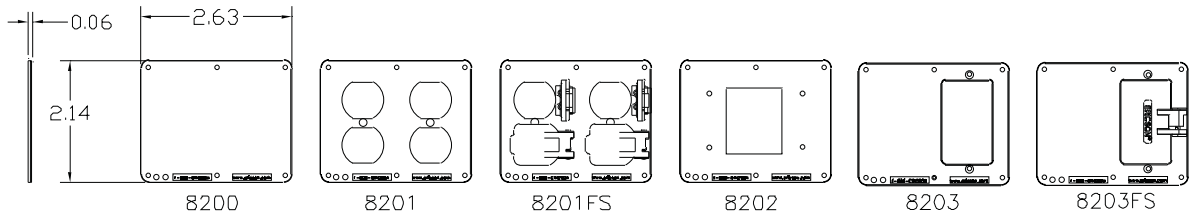


Pre-Punched Boxes

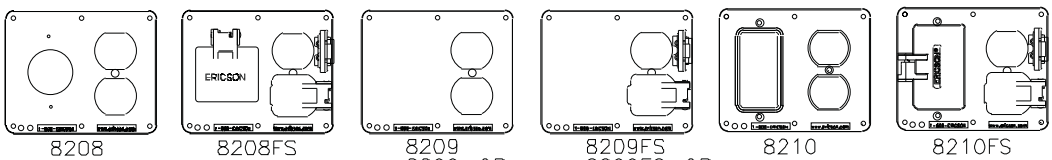
8005	8005F	8034	8034F	8010	8010F
1 X 1/2" NPT HOLE	2 X 1/2" NPT HOLES	1 x 3/4" NPT HOLE	2 x 3/4" NPT HOLES	1 x 1" NPT HOLE	2 x 1" NPT HOLES

Strain Relief Kits

Cable Ranges (strain relief)	Catalog Number	Cable Ranges (wire mesh)	Catalog Number
1/2" NPT Fits Cable Ranges .37 - .61	82005	**1/2" NPT** Fits Cable Ranges .375 - .500	1/2" NPT 82005W WIRE MESH
		1/2" NPT Fits Cable Ranges .500 - .625	1/2" NPT 82005W-1 WIRE MESH
3/4" NPT Fits Cable Ranges .45 - .70	82034	**3/4" NPT** Fits Cable Ranges .625 - .750	3/4" NPT 82034W WIRE MESH
		3/4" NPT Fits Cable Ranges .750 - .875	3/4" NPT 82034W-1 WIRE MESH
1" NPT Fits Cable Ranges .59 - 1.00	82010	**1.0" NPT** Fits Cable Ranges .875 - 1.000	1" NPT 82010W WIRE MESH



Hole Ø Inches:
8205 = 2.40
8206 = 1.57
8207 = 1.57
8208 = 1.57



ACTUAL PLATE CONFIGURATION, REF.

NOTICE:
The NEC restricts the use of metal job boxes as temporary power cords

FEATURES:

- Rugged and durable, these outlet boxes are engineered to provide protection against electric shock while using portable power cords
- Molded of thermoplastic elastomer (TPE) these non-conductive boxes are crush proof and resistant to jobsite oils
- High-visibility dual-color safety system for easy identification on the jobsite
- Cover plates and clamps are molded of impact resistant nylon and resistant to jobsite oils
- Built-in TPE cord entrance seals out dirt, dust and other contaminants
- Accommodates wide range of devices
- Extra-deep box provides additional wiring space - perfect for use with #12/3 cord and larger
- Available as pendant and feed-through boxes
- Available with a wide range of cover plates and a full range of replacement parts
- Available with Ericson's in-line type GFCIs for added protection and code compliance

6000 Series Portable Outlet Boxes Selection Guide

Cord Clamp* Style Box With Open Covers						
	For (2) Duplex Receptacles		For (2) Single Receptacles: 1.390" dia. Hole		For (2) Single Receptacles: 1.572" dia. Hole	
	Standard Depth	Extra Deep	Standard Depth	Extra Deep	Standard Depth	Extra Deep
Pendant	6000	6002	6005	6006	6010	6011

Note: * No feed thru box available with cord clamp style

6000 Series Portable Outlet Boxes Selection Guide

Cord Grip Feed Thru * Style Box With Open Covers						
	For (2) Duplex Receptacles		For (2) Single Receptacles: 1.390" dia. Hole		For (2) Single Receptacles: 1.572" dia. Hole	
	Standard Depth	Extra Deep	Standard Depth	Extra Deep	Standard Depth	Extra Deep
*Feed-Through	6000-F	6002-F	6005-F	6006-F	6010-F	6011-F

Notes:
Standard depth box= 3-3/16"
Extra deep box = 4-5/32"
* All 6000 Series feed-throughs have cord grip nuts and grommets (see photo of 6000-F above)

Made in the USA

6000 Series Replacement Boxes

Standard Depth Box
Catalog Number - 6030

Standard Depth Box
Catalog Number - 6030B

Extra Deep Box
Catalog Number - 6029

* No feed thru box available with cord clamp style

6000 Series Replacement Cover Plates

Duplex Receptacle Cover Plates

Catalog # - 6031

Catalog # - 6031B

Single Receptacle Cover Plates
1.390" Dia. Opening

Catalog # - 6032

Catalog # - 6032B

Single Receptacle Cover Plates
1.572" Dia. Opening

Catalog # - 6033

Catalog # - 6033B

GFCI Duplex Receptacle Cover Plates

Catalog # - 6035

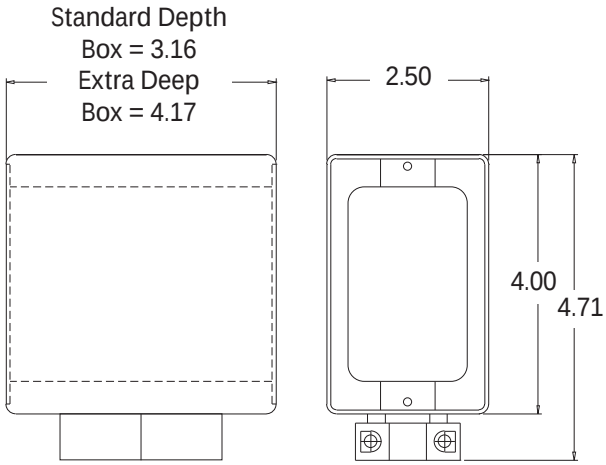
Catalog # - 6035B

Blank Cover Plates

Catalog # - 6034

Catalog # - 6034B

6000 Series Dimensions



Made in the USA

6100

6102

FEATURES:

- Non-metallic, non-conductive design provides protection against electric shock while using portable power cords
- Spring-loaded flip seal covers protect receptacle
- Heavy-duty stainless steel springs provides dependable, long service life
- Molded of thermoplastic elastomer (TPE) these non-conductive boxes are crush proof and resistant to jobsite oils
- Supplied with cord grip bushings that accommodate #16/3 SO through #12/3 SO cord
- Cover plates and flip seals are molded of impact resistant PBT thermoplastic
- Accommodates a wide range of devices
- Extra-deep box provides additional wiring space
- Available as pendant and feed-through boxes
- Available with a wide range of cover plates and a full range of replacement parts
- Available with Ericson's in-line GFCIs for added protection and code compliance

6100 Series Weather Resistant Portable Outlet Boxes Selection Guide

Cord Grip Style Box With Flip Covers						
	For (2) Duplex Receptacles		For (2) Single Receptacles: 1.390" dia. Hole		For (2) Single Receptacles: 1.572" dia. Hole	
	Standard Depth	Extra Deep	Standard Depth	Extra Deep	Standard Depth	Extra Deep
Pendant	6100	6102	6105	6106	6110	6111
Feed-Through	6100-F	6102-F	6105-F	6106-F	6110-F	6111-F

Notes: Standard depth box= 3-3/16"
Extra deep box = 4-5/32"

Selection Guide

All Black Box With Covers		
	For 2 Duplex Receptacles	
	Standard Depth	Extra Deep
Pendant	6100B	6102B
Feed-Thru	6100B-F	6102B-F

Available in black for Stage, Studio and Entertainment
Molded black box with black cover plates blends into the background Ideal for stage, studio, entertainment and other applications where you want the box to not attract attention

Made in the USA

Replacement Boxes

Standard Depth
Catalog Number - 6130

Standard Depth Box with Feed Through (not shown)
Catalog Number - 6130-F

Extra Deep Box
Catalog Number - 6129

Extra Deep Box with Feed Through (not shown)
Catalog Number - 6129-F

Standard Depth
Catalog Number - 6130B

Standard Depth Box with Feed Through (not shown)
Catalog Number - 6130B-F

Extra Deep
Catalog Number - 6129B

Extra Deep Box with Feed Through (not shown)
Catalog Number - 6129B-F

Replacement Cover Plates

For Single Receptacles
1.390" Dia. Opening
Catalog Number - 6132

For Single Receptacles
1.572" Dia. Opening
Catalog Number - 6133

For Duplex Receptacles
Catalog Number - 6131

Blank Cover plate
Catalog Number - 6034

For GFCI Receptacles
Catalog Number - 6135Y

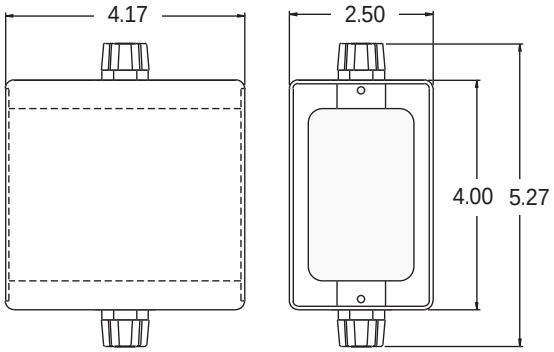
Catalog Number - 6135

Catalog Number - 6131B

Catalog Number - 6034B

Dimensions

Standard Depth
Box = 3.16
Extra Deep
Box = 4.17



Made in the USA

Stringlights

Reduce the risks associated with dark passages and work environments or safely illuminate outdoor activities with Ericson's growing family of stringlight products. These solutions are ideally suited for a wide range of applications including hazardous location, industrial construction and event lighting.

- LED configuration alternatives
- Construct-O-Lite® – 2-wire contractor grade molded stringlights
- E-LiteTM 3-wire commercial grade molded stringlights
- 3-Wire heavy duty molded stringlights
- Hazardous location explosion proof stringlights

High Bay Temporary Lighting

Safe and reliable high bay temporary lighting is an essential component of virtually every industrial construction project due to the exceptional light coverage and simplicity of use.

Several configuration alternatives, combined with flexible input power taps, make these lights an ideal fit for a wide range of applications.

- 400 Watt pulse start ballast
- 250 Watt pulse start ballast

Wide Area Lighting

Essential wide area lighting characteristics include flexible mounting, rugged construction, impact-resistant lens assemblies and wet location use, all of which have been pioneered at Ericson. Additional functionality such as emergency battery backup egress and long lasting, efficient LED lighting options further extend the utility of this product family.

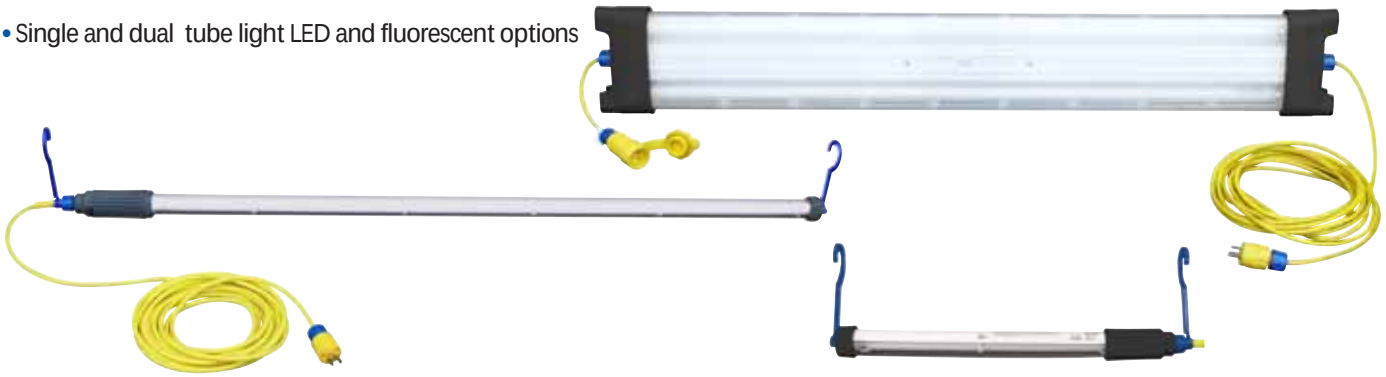
- 60 Watt LED
- 50 Watt LED flood
- 70 Watt high pressure sodium
- 70 Watt metal halide
- 39 Watt fluorescent
- Emergency battery backup egress

Task Lighting

Ericson's LED Heavy Duty Work Lighting Solutions provide uncompromised safety and performance by combining wet location listings, rugged construction, and energy efficient LED technology. Ideal for indoor and outdoor use these innovative work lights are lightweight, impact resistant, and designed to deliver years of worry free operation.

A wide range of configuration alternatives simplify product selection for applications such as construction, task and tent, entertainment, emergency medical care, defense /safety, utility maintenance and detailed repair work lighting.

- Single and dual tube light LED and fluorescent options



Hand Lamps

Choose the right handlamp for the task at hand from one of the widest selections in the industry. Configurations range from light duty commercial grade to heavy duty industrial to vapor and explosion proof.

- Commercial and light duty handlamps
- Industrial duty incandescent handlamps
- Vapor-Gard® handlamps
- Industrial fluorescent handlamps
- Industrial low voltage fluorescent handlamps
- Low voltage handlamps with in-line transformer

Hazardous Location

Designed for use in the world's most challenging environments where equipment is routinely exposed to explosive concentrations of vapor, liquid, dust or fibers, Ericson's complete line of hazardous location lighting offers exceptional performance and flexibility. Designed and tested to the most rigorous standards, models are available for use in Class I & II, Div 1 & 2 and other challenging environments.

Incorporating the latest LED lighting technology, the 2600 LED handlamps deliver long operational life, exceptional durability, reduced eye stress and lower operational costs. Low voltage models with integral transformers are also available, eliminating high voltage levels in confined and other dangerous areas.

Types of Stringlights:

There are several types of stringlights available. These types differ in construction and the environments for which they are designed to operate. The basic design of a stringlight set is a medium Edison base lamp socket electrically connected to a cord via several methods:

1. Mechanically Attached Sockets – Like our model X-142100, these indoor rated stringlights use lamp sockets with insulation displacement or piercing pins to make the electrical connection through the cord jacket insulation. The socket is then held on with mechanical means and the stringlight is supported by hanger hooks at each socket location. Economically priced, these stringlights are normally used only a few times and then discarded.

2. Molded Sockets – The design of these stringlights varies, but the basic design is a medium Edison base socket that is held in an overmolded material area attached to the cord. The electrical connections and socket are protected from the environments and this reduces corrosion and electrical faults. The cord jacket and the overmold material vary from manufacturer to manufacturer and the durability depends on this material formulation to ensure a watertight bond.

Rules for Use:

There are many rules governing the use of stringlights. These are a few of the more common questions that arise. Consult your local inspection authority before installing stringlights.

1. Length of Time - Stringlights are normally used in *Temporary Use Locations* (defined by NEC Article 590) and the length of time is defined in that article.

2. Article 590.4 of the NEC 2008 states that all lamps will have protection from accidental contact or damage.

3. Two wire stringlights (no ground wire) must use non-conductive lamp guards.

4. Three wire stringlights can use metallic or non-metallic guards, but the metallic guards must be grounded with a continuous ground wire through the stringlight.

5. Depending on your local inspector, stringlights can be "hard wired" to a panel as long as there is no strain on the connection.

6. Stringlights must be held aloft by the hanging tabs located at each lamp socket and not by the cord/conductors unless permission by the manufacturer is given.

7. According to article 590 of the 2008 NEC, lighting circuits and power circuits in temporary locations should not be mixed. You should not protect a stringlight circuit with GFCI protection.

Do's and Don'ts

1. Never use indoor rated stringlights in outdoor situations

2. Never install lamps with wattage greater than the manufacturer's specifications for that stringlight

3. Never operate stringlights without lamp guards in place – replace any broken guards

4. Use hang tabs or a "messenger wire" to suspend stringlights over the work area

Contractor Grade Construct-O-Lite 2-Wire Stringlights

Item Number	Wire Type	Guard Type (included)	Primary Plug	Secondary Connector
142100	14/2 SJT 300V	Plastic Lattice 04201	Molded NEMA 5-15P	Molded NEMA 5-15C
X-142100	14/2 Flat 300V	Plastic Lattice Snap-on	blunt	blunt
122100STW	12/2 STW 600V	Plastic Lattice 04201	Molded NEMA 5-15P	Molded NEMA 5-15P
122100STW-C		Clear Rain 212	Molded NEMA 5-15P	Molded NEMA 5-15C

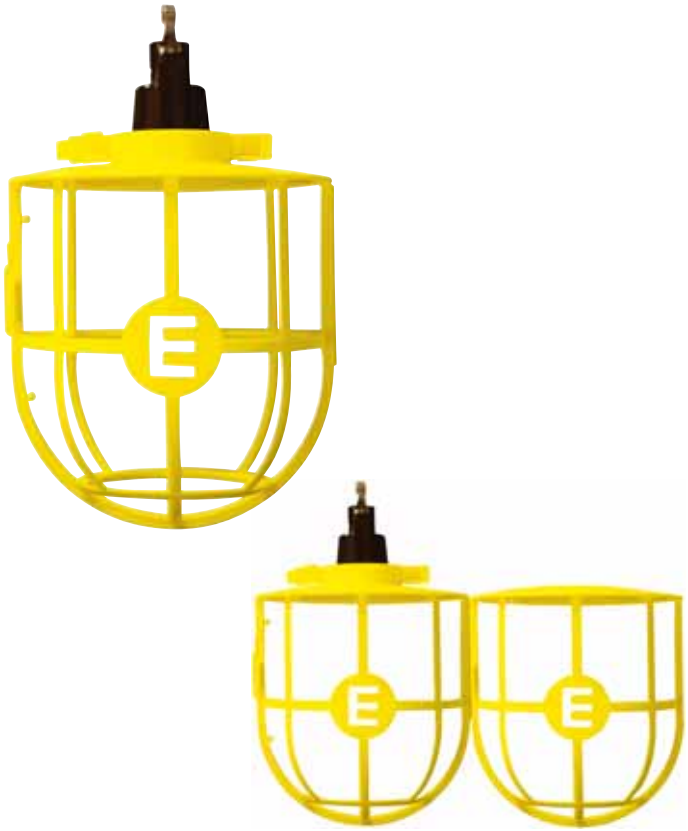
Commercial Grade 3-Wire E-Lite Stringlights

Item Number	Wire Type	Guard Type (included)	Primary Plug	Secondary Connector
143100STWY-1L	14/3 STW 600V	Plastic Lattice 04201	Molded NEMA 5-15P	Molded NEMA 5-15P
143100STWY-1W		Welded Wire 211	Molded NEMA 5-15P	Molded NEMA 5-15P
143100STWY-1C		Clear Rain 212	Molded NEMA 5-15P	Molded NEMA 5-15P
123100STWY-1L	12/3 STW 600V	Plastic Lattice 04201	Molded NEMA 5-15P	Molded NEMA 5-15P
123100STWY-1W		Welded Wire 211	Molded NEMA 5-15P	Molded NEMA 5-15P
123100STWY-1C		Clear Rain 212	Molded NEMA 5-15P	Molded NEMA 5-15P

Industrial Grade 3-Wire Molded Stringlights

Item Number	Wire Type	Guard Type	Primary Plug	Secondary Connector
143100Y-1	14/3 SEOW	Order Separately	1510-PW6P (NEMA 5-15P)	1610-CW6P (NEMA 5-15C)
143100Y-2		Order Separately	1520-PW6P (NEMA L5-15P)	1620-CW6P (NEMA L5-15C)
123100Y-1	12/3 SEOW	Order Separately	1510-PW6P (NEMA 5-15P)	1610-CW6P (NEMA 5-15C)
123100Y-2		Order Separately	1520-PW6P (NEMA L5-15P)	1620-CW6P (NEMA L5-15C)
123100Y-3		Order Separately	2310-PW6P (NEMA L5-20P)	2410-CW6P (NEMA L5-20C)

Contractor Grade - Construct-O-Lite® 2-Wire Light Duty Flat Wire Stringlights



for re-lamping

FEATURES:

- Meets OSHA construction site requirements
- Meets NEC requirements for temporary lighting
- Designed for applications that require rapid set-up/tear-down and an economy stringlight
- Easy relamping with non-conductive, snap-open cage guard
- Built-in hanger for easy installation with messenger cable or hooks
- Accommodates one Type A-19 or one Type A-23 Lamp per socket max 150W
- For indoor use only
- Guard style may vary

Catalog Number	**X-142100**
Specifications:	
Listings	N/A
Electrical	120 V, 12.5A, 1500W
Overall length	100 ft.
Cable gauge & type	AWG #14/2
Guard	Snap on lattice
Number of sockets	10
Socket spacing	10 ft. centers
Max watts per socket	150W
Primary	9' Blunt
Secondary	1' Blunt with shrink tube cap

Re-lamping is easy with the snap-open cage guard.

FEATURES:

- UL or cULus Listed
- Meets OSHA construction site requirements
- Meets NEC/CEC requirements for temporary lighting
- Designed for applications that require rapid set-up/tear-down and an economy stringlight
- Full threaded screwshell to ensure proper contact
- Easy relamping with non-conductive, snap-open cage guard
- Built-in hanger for easy installation with messenger cable or hooks
- Standard models supplied with 15Amp, 2-wire straight-blade (NEMA 1-15) plug & (NEMA 1-15) connection
- #14/2 and #12/2 cord types

	#14/2 AWG	#12/2 AWG	
Item Number	**142100**	**122100STW**	**122100STW-C**
Specifications:			
Listings	**UL Listed**	**cULus Listed**	**cULus Listed**
Electrical	120 V/60Hz	120 V/60Hz	120 V/60Hz
Overall Length	100 ft.	100 ft.	100 ft.
Cable gauge & type	14/2 SJTW 300V	12/2 STW 600V	12/2 STW 600V
Guard	04201 snap on lattice	04201 snap on lattice	212 Rain Guard
Number of sockets	10	10	10
Socket spacing	10 ft. centers	10 ft. centers	10 ft. centers
Max watts per socket	150	150	150
Primary	NEMA 1-15 plug	NEMA 1-15 plug	NEMA 1-15 plug
Secondary	NEMA 1-15 connection	NEMA 1-15 connection	NEMA 1-15 connection

Note:
50 ft available - call for details

Universal Stringlight Hook Kit

10 S hooks per bag (order separately)

SLHK-01

212 Rain Guards included with model 122100STW-C

Commercial Grade - E-lite 3-Wire Stringlights

USE WITH LED, CFL OR INCANDESCENT BULBS

Use up to 150W bulbs

FEATURES:

- Meets OSHA construction site requirements
- Meets NEC/CEC requirements for temporary lighting
- Designed for applications that require rapid set-up/tear-down and a 3-wire stringlight
- Full threaded screwshell to ensure proper contact
- Available with non-conductive, snap-open cage guard grounded wire guard or clear rain guards
- Built-in hanger for easy installation with messenger cable or hooks
- Units come standard with Extra-Hard-Usage ST cord in 50 ft. and 100 ft. lengths (50' socket, 100' socket)
- Stringlights come standard with Ericson's molded plugs and connectors.

Guard Options

04201
Rugged Plastic Guard
"L"

Screws on

Grounds When Installed

211
Zinc Coated Wire Guard
"W"

211-P
Vinyl Coated Wire Guard
"WP"

Indoor/Outdoor Use

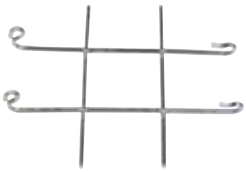
"C" Models

212
Clear Lexan Guard

216
End Cap
Order Separately

Universal Stringlight Hook Kit
10 S hooks per bag (order separately)

SLHK-01



211-BG
Zinc Coated
Wire Guard
Snap on Bottom

E-Lite™ 3-Wire Commercial Grade Molded Stringlights Selection Guide

Standard products come with 9 ft. primary (lead) and 1 ft. secondary (tail)

Stringlights with #12/3 STW Cable:

	#12/3 STW w/ Plastic Lattice Guard	#12/3 STW w/ Wire Cage Guard	12/3 STW w/Clear Lexan Rain Guard
50 ft. Overall Length	**12350STWY-1L**	**12350STWY-1W**	**12350STWY-1C**
100 ft. Overall Length	**123100STWY-1L**	**123100STWY-1W**	**123100STWY-1C**
Specifications:			
Listing	cULus Listed	cULus Listed	cULus Listed
Electrical	120 V/60Hz	120 V/60Hz	120 V/60Hz
Overall Length	see above	see above	see above
Cable gauge & type	12/3 STW	12/3 STW	12/3 STW
Guard	04201 snap on lattice	211 Wire guard	212/216 Guard
Number of sockets:			
50 ft. stringlights	5	5	5
100 ft. stringlights	10	10	10
Socket spacing	10 ft. centers	10 ft. centers	10 ft. centers
Max watts per socket:			
50 ft. stringlights	200	200	200
100 ft. stringlights	150	150	150
Plug	NEMA 5-15	NEMA 5-15	NEMA 5-15
Connector	NEMA 5-15	NEMA 5-15	NEMA 5-15

Notes:
1. For vinyl coated wire guards add "P". Example 123100STWY-1WP
2. 216 End caps ordered separately
3. Contact Ericson for your custom stringlight configurations

Stringlights with #14/3 STW Cable:

	#14/3 STW w/ Plastic Lattice Guard	#14/3 STW w/ Wire Cage Guard	14/3 STW w/Clear Lexan Rain Guard
50 ft. Overall Length	**14350STWY-1L**	**14350STWY-1W**	**14350STWY-1C**
100 ft. Overall Length	**143100STWY-1L**	**143100STWY-1W**	**143100STWY-1C**
Specifications:			
Listings	UL Listed	UL Listed	UL Listed
Electrical	120 V/60Hz	120 V/60Hz	120 V/60Hz
Overall Length	see above	see above	see above
Cable gauge & type	14/3 STW	14/3 STW	14/3 STW
Guard	04201 snap on lattice	211 Wire guard	212/216 Guard
Number of sockets:			
50 ft. stringlights	5	5	5
100 ft. stringlights	10	10	10
Socket spacing	10 ft. centers	10 ft. centers	10 ft. centers
Max watts per socket:			
50 ft. stringlights	200	200	200
100 ft. stringlights	150	150	150
Plug	NEMA 5-15	NEMA 5-15	NEMA 5-15
Connector	NEMA 5-15	NEMA 5-15	NEMA 5-15

Notes:
1. For vinyl coated wire guards add "P". Example 123I00STWY-1WP
2. 216 End caps ordered separately
3. Contact Ericson for your custom stringlight configurations

Industrial Grade - Heavy Duty 3, 4 & 5-Wire Molded Stringlights

Guards & end caps sold separately on Heavy Duty stringlights

FEATURES:

- UL Listed and CSA Certified
- Meets OSHA construction site requirements – 1926.405(a)(2)(ii)(E&F)
- Meets NEC/CED requirements for temporary lighting
- Designed for applications that require rapid set-up/tear-down and a 3-wire stringlight
- Full threaded screwshell to ensure proper contact
- Available with non-conductive, snap-open cage guard grounded wire guard or clear rain guards
- Built-in hanger for easy installation with messenger cable or hooks
- Units come standard with Extra-Hard-Usage cord in 50 ft. and 100 ft. lengths
- Stringlights come standard with Ericson's Perma-Tite®2 plugs and connectors.
- Custom lengths & socket spacing available
- Power drops available

ALL INDUSTRIAL GRADE STRINGLIGHTS COME WITH WATERTIGHT NEMA 6P RATED PLUG & CONNECTOR

Full metal socket

Also available in black, See chart notes

Universal Stringlight Hook Kit

10 S hooks per bag (order separately)

SLHK-01

Made in the USA

LISTED

Selection Guide

Standard products come with 9 ft. primary (lead) and 1 ft. secondary (tail)

	#14/3 SEOW Cable		#12/3 SEOW Cable			240V #12/4 Cable	208V 3 Ph #12/5 Cable
50 ft. Overall Length	**14350Y-1**	**14350Y-2**	**12350Y-1**	**12350Y-2**	**12350Y-3**	**12460Y-4**	**12560Y-5**
100 ft. Overall Length	**143100Y-1**	**143100Y-2**	**123100Y-1**	**123100Y-2**	**123100Y-3**	**124100Y-4**	**12590Y-5**
Specifications:							
Listings	UL Listed	UL Listed	cULus/CSA Listed	cULus/CSA Listed	cULus Listed	N/A	N/A
Electrical	120 V/60Hz	120 V/60Hz	120 V/60Hz	120 V/60Hz	120 V/60Hz	240V	208Y/120 V
Overall Length	50 = 50 ft 100 = 100 ft	50 = 50 ft 100 = 100 ft	50 = 50 ft 100 = 100 ft	50 = 50 ft 100 = 100 ft	50 = 50 ft 100 = 100 ft	60 = 60 ft 100 = 100 ft	60 = 60 ft 90 = 90 ft
Cable gauge & type	14/3 SEOW	14/3 SEOW	12/3 SEOW	12/3 SEOW	12/3 SEOW	12/4 SEOW	12/5 SEOW
Guard	Not included see note 1	Not included see note 1	Not included see note 1	Not included see note 1	Not included see note 1	Not included see note 1	Not included see note 1
Number of sockets:							
Short stringlights	5	5	5	5	5	6	6
Long stringlights	10	10	10	10	10	10	9
Socket spacing	10 ft. centers	10 ft. centers	10 ft. centers	10 ft. centers	10 ft. centers	10 ft. centers	10 ft. centers
Max watts per socket:	See note 2	See note 2	See note 2	See note 2	See note 2	See note 2	See note 2
Plug	-1	-2	-1	-2	-3	-4	-5
Connector	-1	-2	-1	-2	-3	-4	-5
Color	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
Connections	**PLUG**		**CONNECTOR**				
-1 =	1510-PW6P (NEMA 5-15)		1610-CW6P (NEMA 5-15)				
-2 =	1520-PW6P (NEMA L5-15)		1620-CW6P (NEMA L5-15)				
-3 =	2310-PW6P (NEMA L5-20)		2410-CW6P (NEMA L5-20)				
-4 =	2320-PW6P (NEMA L14-20)		2420-CW6P (NEMA L14-20)				
-5 =	L21-20P (non water tight)		L21-20C (non water tight)				

Color = Yellow is standard - Replace "Y" with "B" in part number for all black. Example: 123100B-1

Notes:

1. Order guards separately - wire, coated or clear rain
2. For 10 socket strings 150 Watts is max per socket. For less than 10 sockets, up to 200 Watts per socket is permissible although socket may be marked 150W
3. 214 Guard max is 150W bulb for any string
4. Guards and end caps sold separately on heavy duty stringlights
5. All wire guards are grounded when installed

Drop with 211-P Guard

Drop with 214 Guard

216
End Cap

Part Number Chart - How To Order

123 - **100** - **Y** - **1**

Wire Gauge
143 = 14/3
123 = 12/3
124 = 12/4
125 = 12/5

Overall Length
Feet

Yellow or Black

Plug/Connector
1= 5-15 Straight
2= L5-15 Locking
3= L5-20 Locking*
4= L14-20*
5= L21-20*
* Not available on 14/3 cable

Cat. #	Guard Type
211	Welded wire zinc coated
211-P	Vinyl coated welded wire
214	Clear rain
216	Rain guard snap-on bottom

Heavy Duty Stringlight Lamp Guards

USE WITH LED, CFL OR INCANDESCENT BULBS

FEATURES:

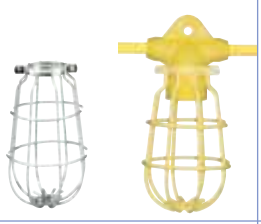
- Heavy-Duty Rain-Guard®
  - Meets OSHA requirements for temporary lighting
  - One-piece molded high-impact polycarbonate
  - Transparent to let light shine through while protecting bulb from jobsite debris and moisture
  - Collar diameters - 1-3/4" or 1-1/2"
  - Easy snap on guard and end cap
  - Built-in vents dissipate heat
  - Prevents accidental contact with bulb
- Heavy Duty Wire Guards
  - Collar diameter 1-3/4"
  - Available plated or vinyl c oated
  - For use with the E-Lite™ Series & Heavy-Duty Molded Stringlights

	Collar Diameter	
Description	**1-3/4"**	**1-1/2"**
Guard Only	**#214**	**#212**
Guard with end cap	**#215**	**#226**
End cap only	**#216**	**#216**

Length 6-5/8". Diameter 4-11/16"

214 guards fit heavy duty grade stringlights
212 guards fit commercial grade E-Lite stringlights

Selection Guide - Universal style plated or vinyl coated

Guard Style	#211	#220	#222	#224
Lamp Size	up to 150 watt A-23-RS or 200 watt A-23/Std.	150 watt PS25 or 200 watt PS30-RS	150 watt A-23/RS or 200 watt A-23/Std.	PAR-38 or R-4
				
Plated	#211	#220	#222-L	#224
Vinyl coated	#211-P	#220-P	#222-LP	#224-P
Collar Diameter*	1-3/4"	1-3/4"	1-3/4"	1-3/4"
Dimensions	Length 7" Diameter 4-3/4"	Length 10" Diameter 5"	Length 6-1/2" Diameter 4"	Length 7-1/2" Diameter 6-1/2"

Notes:
1. For use with E-Lite™ Series stringlights & heavy-duty molded stringlights.

211-BG Fits:
- 211
- 220
- 211-P
- 220-P

Made in the USA

FEATURES:

- Design allows for wire guard mounting
- 1/16" thick for durability
- Grounding tab for wire guards
- High temperature silicone rubber
- Provides weather tight seal around lamp base
- High Temp material for use up to 600 °F (315.5 °C)
- Can be used with Ericson's plated, vinyl-coated & plastic lattice guards. Not recommended for use with 214 or 212 RainGuard®
- Side cutouts provided for use with metal grounding tabs
- Keeps electrical contacts dry and clean
- Fits all stringlights

The Socket Sleeve adds an extra layer of environmental protection between the elements and the socket. It slips easily over the socket and seals tight around the lamp. The socket sleeve is available for the E-Lite and the heavy-duty industrial string lights.

Selection Guide

Description	Catalog Number	Qty
Socket Sleeve for use with E-Lite & Construct-O-Lite® string lights 1 1/2"	SS-E-LITE	10/Bag
Socket Sleeve for use with heavy-duty string light 1 3/4"	SS-HD	10/Bag

See the Video

Made in the USA

Hazardous Duty Stringlights - LED, Incandescent & Fluorescent

USE WITH LED, CFL OR INCANDESCENT BULBS

FEATURES:

- Available in 5 light (50') and 10 light (100')
- Can use LED, incandescent, or self-ballasted CFL bulbs (included)
- Tough molded "T" drop bonds to SEOW cord
- #12/3 cord SEOW standard
- 10 ft. spacing on lamps drops
- Class I & II, Div 1 & 2, Groups C, D, F & G
- NEMA 4X rated
- Heavy-duty thick hang tab
- Union style nut holds lamp assembly firmly to "T" drop
- Easy to remove & repair
- Aluminum anti-spark guard
- Tempered glass globe provides 360˚ Illumination
- Rubber bumper protects lamps during storage and installation
- Snap-on bumper protects employees from overhead injuries
- Snap-on bumper can be replaced with a hook
- Class I, Div. 1 style plug & connector available

Selection Guide

Model	Overall Length (ft)	# of Lamps	Lamps Installed	Lamp Center Spacing (ft)	Lead Cord Length (ft)	Plug[1]	Connector[1]
12350LEDXPI-BL	50	5	11W LED[2]	10	10	blunt	blunt
123100LEDXPI-BL	100	10				blunt	blunt
12350LEDXPI-1	50	5				5-15P (1510-PW6P)	5-15C (1610-CW6P)
123100LEDXPI-1	100	10				5-15P (1510-PW6P)	5-15C (1610-CW6P)
12350XPI-BL	50	5	120 V Incandescent[3]		9	blunt	blunt
123100XPI-BL	100	10			9	blunt	blunt
12350XPI-1	50	5			9	5-15P (1510-PW6P)	5-15C (1610-CW6P)
123100XPI-1	100	10			9	5-15P (1510-PW6P)	5-15C (1610-CW6P)
12350XPI-3	50	5			9	L5-20P (2310-PW6P)	L5-20C (2410-CW6P)
123100XPI-3	100	10			9	L5-20P (2310-PW6P)	L5-20C (2410-CW6P)
12345XPI-1-LP	45	3			24	5-15P (1510-PW6P)	5-15C (1610-CW6P)
12365XPI-1-LP	65	5			24	5-15P (1510-PW6P)	5-15C (1610-CW6P)
12350CFLXPI-BL	50	5	120 V CFL Edison Base[4]		10	blunt	blunt
123100CFLXPI-BL	100	10				blunt	blunt
12350CFLXPI-1	50	5				5-15P (1510-PW6P)	5-15C (1610-CW6P)
123100CFLXPI-1	100	10				5-15P (1510-PW6P)	5-15C (1610-CW6P)

Notes:
1. Plug is not explosion proof and is intended to be used outside of the hazardous area; contact factory for acceptable XP plug options
2. 11 watt LED bulb included
3. 23 Watt self-ballasted bulb included
4. 12 V bulb included
5. Contact factory for custom assemblies
6. Ericson uses extra hard usage cord to ensure long life and sized to the electrical load

Made in the USA

Class I & II Div 1 & 2 CERTIFIED

EXPLOSION PROOF!

WET LOCATION RATED

4X

Class I, Div. 1 Style Plug & Connector Available

Model 1004-MHX-25PS
50' also available
(1004-MHX-50PS)

FEATURES:

- cULus Listed - suitable for damp locations
- Pulse Start ballast meets the requirements of the Energy Independence Act of 2007
- Open-air ballast for cooler operation
- Multi-Tap ballast: 120 V, 208V, 240V, 277V: Factory wired at 120 V
- Base models have 3 ft 18/3 power cord with 5-15P molded plug. Feed thru models have 14/3 molded primary and secondary cords attached. (see chart)
- Clear metal halide pulse type O lamp included (NEC 2008 Compliant)
- Average rated lamp life of over 10,000 hours
- Super bright metal halide lamp has a color temperature of 4000K
- Easy hook with locking feature - fixture mounts in seconds, no tools required
- (2) ¾" knock-outs for optional conduit access (on base models only)
- Double envelope bulb stops ruptures at end of life
- Heavy duty steel, powder coated enclosure
- Easy internal taps for 208, 240, 277 volts

Specifications

Catalog Number	Wattage	Guard	Primary Feed	Secondary feed
1004-MHXPS	400	Open Cage	18/3 3ft 5-15P	N/A
1004-MHX-50PS	400	Open Cage	14/3 1ft 5-15P	50 ft 14/3 5-15C
1002-MHXPS	250	Open Cage	14/3 1ft 5-15P	N/A

Notes:
Sold in 2 pack cartons - add "-2" to each order. 1004-MHX-50PS CSA only.

Replacement Parts

Catalog Number	Description
1004-MHX-LPS	Type O 400W M155 E Pulse Start Bulb
1002-MHX-LPS	Type O 250W M155 E Pulse Start Bulb
1004-MHX-G	Wire guard for 1004-MHXPS
1004-MHX-BG	Bottom snap-on guard

WET LOCATION RATED

c UL us LISTED

EISA Energy Act Compliant

2600 Series - Low Voltage LED Explosion Proof Stringlight Sets

STRINGLIGHT FEATURES:

- cETLus listed
- Class I & II, Div 1 & 2, groups C & D and F & G, explosion proof
- 12VAC stringlight with Class 1 Div I Killark style plug
- 8 W, 12 V LED bulbs deliver 500 lumens per bulb
- NEMA 4X rated
- Wet location rated
- Tough molded "T" drop bonds to SEOW cord
- #14/3 SEOW cable with 50 foot lead
- Heavy-duty thick hang tab
- Union style nut holds lamp assembly firmly to "T" drop
- Aluminum anti-spark guard
- Tempered glass globe provides 360˚ Illumination
- Rubber bumper protects lamps during use
- Snap-on bumper protection accessory
- Multiple stringlight drop configurations available

TRANSFORMER BOX FEATURES:

- CSA Certified
- Class I Div 2, non-incentive
- NEMA 3R polycarbonate enclosure with convenient carry handle
- 120VAC 60Hz to 12VAC step down, rated at 400VA
- Quad secondaries provide 12VAC power to 4 receptacles
- Each receptacle can supply power to 10-drop LED stringlight
- Class I Div 1 rated decontactor-style receptacle
- Enclosure designed for Div II use/areas only

Ericson's 2600 LED Low Voltage Series of Heavy Duty Stringlights are designed for use in the world's most challenging environments where equipment is routinely exposed to explosive concentrations of vapor, liquid, dust or fibers. This 12V AC low voltage stringlight with integral transformer solution adds additional safety by eliminating high voltage exposure in the work place, including confined and other dangerous areas. The rugged polycarbonate transformer enclosure ensures safe operation by incorporating Killark style receptacles designed to mate directly with the stringlight assemblies.

Incorporating the latest LED lighting technology, the 2600 LED handlamps deliver long operational life, exceptional durability, reduced eye stress and lower operational costs. The 2600 Series is rugged and designed to last, incorporating features such as an aluminum anti-spark guard, durable handle with no-slip grip, tempered glass globe, rubber bumpers, and heavy duty hang tabs to further enhance the usability of this product. Designed and tested to the most rigorous standards, the 2600 Series is certified for use in Class I & II, Div 1 & 2, Groups C, D, F & G environments.

Ideal for use in a wide range of applications and industries including:

- Petrochemical
- Aircraft
- Ship / Marine
- Pharmaceutical
- Sewage Treatment
- Grain Elevators
- Mining
- Oil Refineries

Made in the USA

Class I & II Div 1 & 2 CERTIFIED

EXPLOSION PROOF!

WET LOCATION RATED

4X

Stringlight Selection Guide

Part Number[3]	Primary Lead Length (ft)	# of Lamps	Bulb Spacing	Bulb Type	Lumen Output	Supply Voltage	Plug
123100LEDXPI-5L	50	5	12.5'	8W LED, 12V AC	500	12V AC, 40W	UGP-15231
123100LEDXPI-6L	50	6	10'			12V AC, 48W	

Transformer Selection Guide

Part Number[4,5,6]	Input Power	Input Cable	Input Plug	Output	Number of Receptacles	Receptacle Type	Enclosure Rating
1941-12-C1D2	120V AC, 60Hz	#14/3 SEOW 6' Pigtail	ENP5151	12V AC	4	UGRP-20231F	NEMA 4

NOTES:
1. 12V LED bulb included
2. Ericson uses extra hard usage cord to ensure long life and sized to the electrical load
3. Contact factory for 14 guage configurations
4. Upstream breaker protection required by customer
5. Ordinary location FRP NEMA 4 construction with no switches, breakers or fuses
6. Contact factory for alternative input plug configurations

1. Heavy-duty thick hang tab

2. Tough molded "T" drop encapsulates wire terminations

3. #14/3 SEOW

4. Cord heat bonded to overmold "T"

5. Large "union" nut holds lamp in place

6. Internal weather seal keeps connections dry

7. Single hex set screw secures drop body

8. Single molded drop body threads onto socket assembly

9. Screw terminals are color coded

10. Grounding ring assures all metal parts are grounded

11. Single piece replaceable heavy-duty socket threads into base

12. 12V AC LED Bulb

13. Rubber bumper protects against drops

14. Light weight alloy guard assembly

15. Heavy-duty tempered glass globe resists breakage

16. Rubber "nose" protects personnel & equipment from overhead Bump hazard

2000 Series - 50W LED Heavy Duty Work Light

FEATURES:

- cULus Listed
- Outdoor / Wet location rated
- Cool, safe operation
- Light weight, portable design
- IP65 environmental rating
- 120° beam angle, high-power LED
- 5mm high strength tempered glass
- Heavy duty die cast aluminum case
- 50,000 hour rated life
- No start-up delays
- High efficiency operation

Ericson's 2000 Series LED Wide Area Work Light provides uncompromised safety and performance by combining the respected cULus listing with an IP 65 environmental rating, rugged construction and energy efficient LED technology in a convenient, compact design. Ideal for indoor and outdoor use these innovative work lights are lightweight, impact resistant, and designed to deliver years of worry free operation.

Flexible mounting configurations include a heavy duty, multi-light tripod, and bulkhead magnetic base, to tailor the light to meet changing requirements. Additionally, the heavy duty die cast aluminum case, combined with high-strength tempered glass, provides the durability required to meet the needs of the most demanding applications.

The 2000 Series LED Wide Area Work Light is ideal for a wide range of applications including:

- Construction Lighting
- Emergency Medical Care
- Task Lighting
- Defense / Safety
- Tent Lighting
- Utility Maintenance
- Entertainment Venues
- Detailed Repair Work

c UL us LISTED

WET LOCATION RATED

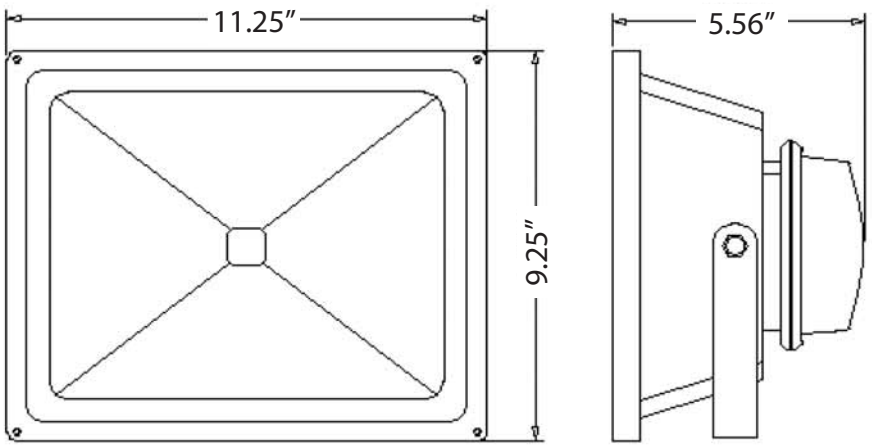
Selection Guide

2000	PORTABLE LED 50W FLOOD W/MOUNTING BRACKET
2000T	DOUBLE LIGHT HEAD PORTABLE LED 50W FLOOD W/TRIPOD
2000M	PORTABLE LED 50W PANEL W/MAGNET MOUNT
2000FS	PORTABLE LED 50W FLOOD W/MOUNTING BRACKET & FLOOR STAND
2000L	REPLACEMENT LENSE
T1000	HEAVY DUTY, POWDER COATED TRIPOD

Specifications

Electrical Ratings	100-240 VAC
Amperage Draw	.46 A
Primary Cord Length	4.5 Ft.
Ballast Location	Main Body
Wet Location Ratings	Yes
Cable Gauge/Type	18/3 SJTW
Bulb Type	LED Panel
Initial Lumens	5000
Color Rendition Index (CRI)	70
Color Temperature (K)	6000K-6500K
Avg. Rated Bulb Life (Hours)	50,000 Hours
Low Temp Start	-30º C
Fixture Weight (exclusive of cable)	7.75 Lbs.

Notes: Sunlight is simulated with a light that is about 5000 K. The higher the number the whiter the light.



Wide Area Lighting - 1000 Series

Optional GFCI protected receptacle with Perma-Tite Flip-Seal Cover

Dual Magnet Mounting System for mounting on metal surfaces[1]

Lens cover 1000-LRK

FEATURES:

- UL listed and CSA certified
- Impact-resistant molded polycarbonate housing
- Impact-resistant, high temperature clear lens
- Blondel Prisms on inner surface to provide optimum light diffusion
- Available with a 70 watt high-pressure-sodium
- Dual magnets for secure mounting on metal surfaces
- Integral eye-hook for overhead mounting
- #14/3 SJOW cord supplied standard
- HPS model available with optional receptacle, GFCI or both
- Supplied with 70W lamp

Selection Guide

1000 Series HPS Wide Area					
Model	**Voltage**	**Cord Length**	**Location Rating**	**With Non-GFCI Side Receptacle**	**With Side Receptacle with GFCI Class A Open Neutral Protection**
1000	120/ 60 Hz	6	Wet	n/a	n/a
1000-25	120/ 60 Hz	25	Wet	n/a	n/a
1000-50	120/ 60 Hz	50	Wet	n/a	n/a
1000-R	120/ 60 Hz	6	Dry	Installed	n/a
1000-R25	120/ 60 Hz	25	Dry	Installed	n/a
1000-R50	120/ 60 Hz	50	Dry	Installed	n/a
1000-RG	120/ 60 Hz	6	Wet	n/a	Installed
1000-RG25	120/ 60 Hz	25	Wet	n/a	Installed
1000-RG50	120/ 60 Hz	50	Wet	n/a	Installed
Specifications:					
Cord: #14/3 SJOW or Equiv					
Plug: Nema 5-15P (1510-P)					
Lamp: 70 Watt HPS Clear					
Bulb: B17 shape med base					
CRI: 22					
Lumens: 5450					
K Temp: 1900					
Avg Life Hrs: 24,000					

Note: (1)Use chain or cable if mounted overhead

Made in the USA

LISTED

Inside view

Optional Receptacle with Perma-Tite Flip-Seal Cover

FEATURES:

- Available in 120 VAC
- Impact-resistant molded polycarbonate housing
- Impact-resistant, high temperature clear lens with Blondel Prisms on inner surface to provide optimum light diffusion
- Dual magnets for secure mounting on metal surfaces
- Integral eye-hook for overhead mounting
- #16/3 SOOW cord supplied standard
- Supplied with (3) 13W T4 Quad fluorescent bulbs
- Light weight design
- 3 separate ballast/bulb light systems in each lamp provides triple redundant light for emergency operations
- Available with a variety of options:
  - Switch
  - Receptacle
  - GFCI

Selection Guide

1000F Series Wide Area Light				
Model	**Voltage**	**Cord Length**	**Location Rating**	**With Non-GFCI Side Receptacle**
1000F	120/ 60 Hz	6	Wet	n/a
1000F-25	120/ 60 Hz	25	Wet	n/a
1000F-50	120/ 60 Hz	50	Wet	n/a
1000F-R	120/ 60 Hz	6	Dry	Installed
1000F-R25	120/ 60 Hz	25	Dry	Installed
1000F-R50	120/ 60 Hz	50	Dry	Installed
Specifications:				
Cord: #16/3 SOOW or Equiv				
Plug: Nema 5-15P (1510-P)				
Lamp: 3 x 13 watt Quad GX23T4 CFL				
CRI: 82				
Lumens: 900 x 3 = 2200				
K Temp: 4100K				
Avg Life Hrs: 10,000				
Low Temp Start: 32 Deg F				

c UL us LISTED

GREEN FRIENDLY

Made in the USA

Emergency Egress Lighting - 1000 Series Fluorescent

FEATURES:

- Automatically stays on in the event of power loss
- Over 90 minutes of egress lighting
- Auto charges battery/ballast assembly
- Test and main on/off switches
- 2 separate 13W lamp/ballast assemblies
- Internal battery / ballast comb
- Energy efficient
- Impact-resistant, high temperature clear lens with Blondel Prisms on inner surface to provide optimum light diffusion
- Integral eye hook for overhead lighting
- Impact resistant, high-temperature lens with inner surface prisms for optimum light diffusion

Selection Guide

	120 VAC
w/ 6' cord	**1000F-EMBT**
w/ 25' cord	**1000F-EMBT-25**
w/ 50' cord	**1000F-EMBT-50**
Specifications	
Electrical Ratings	120 VAC 43WATT
Environmental Ratings	NEMA 3R
Cord Gauge/Type	16/3 SOOW
Plug Type	NEMA 5-15P

Notes:
1. Contact factory for custom assemblies 2. Use chain or cable if mounted overhead

Conditions	Normal Lamp Operation	Normal Lamp Operation Testing Battery Backup	Emergency Loss of Power at Cord	Lamp Off for Storage
Main Switch (Toggle ON/OFF)	ON	ON	ON	OFF
Test Switch (Momentary)	OFF	PUSH & HOLD	OFF	OFF
120 V Power at Cord	ON	ON	OFF	OFF
Lamps On	2 lamps On Charge Lamp On	2 to 1 when TEST is pushed	1 lamp for 90+ minutes	ALL OFF
Backup Battery	Charging	AUTO switchover	ON	Holding Charge

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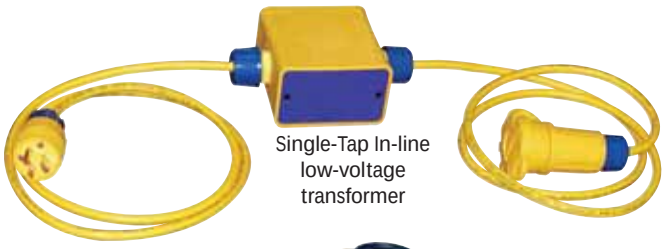
GREEN FRIENDLY

WET LOCATION RATED

Industrial Extension Lights for Low Volt Transformers

1950-12



Single-Tap In-line low-voltage transformer

1940-12

FEATURES:

Extention Light

- CF model has crowsfoot plug
- Non-metallic design and non-glass lense
- Suitable for food and beverage processing facilities that require low voltage confined space tank entry and inspection
- Connect to 1940 & 1941 Low voltage transformers
- Built tough to last

Single Tap Low-Volt Transformer

- Ideal for when you need only one outlet
- Converts 120 VAC/60Hz to 12 VAC (30VA max)
- Compact size is easy to use, store and transport
- Complies with OSHA requirement 1926.405(a)(2)(ii)(G)
- For use with 1950 or 926LV series handlamps

Selection Guide

	1950-12	1950-12 CF[2]
Specifications:		
Input (primary) voltage	12 VAC	12 VAC
Cord gauge/type	#16/3 SOW	#16/3 SOW
Cord length	50 ft.	50 ft.
Plug	NEMA 5-15	Crowsfoot ( )
Included lamp	12 V/30 watt	12 V/30 watt

CF Model has crowsfoot plug

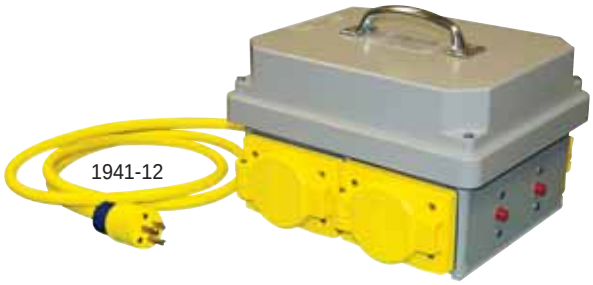
Notes: 1. Contact factory for custom assemblies
2. Factory wired with water tight crowsfoot plug to mate with CF series transformers

Catalog Number	Description
LVT-12-STCF	Low voltage transformer, 12 Volt, 5-15 plug & single tap non-NEMA crowfoot connector

Made in the USA

Low Volt Transformers


1940-12


1941-12

CF Series transformers feature non-NEMA crowsfoot receptacles.

FEATURES:

- Transformers convert 120 VAC/60Hz line voltage to12 VAC
- Corrosion resistant enclosures are made from non-conductive engineering resin so they are resistant to impacts, and jobsite chemicals such as acids, alkalines, oils and salts
- NEMA 5-15 outlets are rated at 100va each (CF models use crows foot style)
- Outlets operate independently of each other - 4 x 100va outputs
- Circuit breakers wired individually to each receptacle and operate independently of each other – if one circuit opens the other continues to operate
- Heavy duty SOW cord
- Non-metallic enclosure

Ericson's Heavy duty isolation-type low voltage transformers feature low voltage safety and extreme weather resistance. Designed for demanding environments, these transformers withstand long periods of rugged use. Available in 12 Volt models with either 2 or 4 outlets. Each outlet is covered by Ericson's flip seal cover to provide added protection against the most extreme environments such as: boiler inspection, work inside drums, tanks and vessels. In damp, confined locations it is imperative that line voltage be reduced to eliminate the hazards of shorts and shock and to meet the requirements of OSHA/NEC/CEC.

Selection Guide

	12 Volt Transformers	
With NEMA 5-15 Outlets	**1940-12**	**1941-12**
With Non-NEMA Crowsfoot Outlet	**1940-12CF**	**1941-12CF**
Specifications:	**200 VA**	**400 VA**
Number of Outlets (lamps)	2	4
Outlet Configuration (1)	NEMA 5-15	Crowsfoot
Input (primary) voltage	120 V/60Hz	120 V/60Hz
Output (secondary) voltage	12 V, 200VA (2 x 100VA)	12 V,400VA (4 x 100VA)
Outlet Rating (each)	10Amp/100VA	10Amp/100VA
Cord gauge/type	14/3 SOW	14/3 SOW
Cord length	6 ft.	6 ft.
Plug (1)	NEMA 5-15	NEMA 5-15
Enclosure Environmental Rating	TYPE 4	TYPE 4
Dimensions (in) (LxWxH)	7 x 7 x 6-1/2	11 x 9 x 6-1/2
Weight (lbs)	13.5	22.5

Notes: 1. Contact factory for custom assemblies

Many Low Voltage Lamps To Choose From...

Made in the USA


1948-12


1950-12


926-25 LV


1946-12


2200

FEATURES:

- cULus Listed-Assurance of quality by independent testing agency-Safety, performance and reduced downtime
- Available with high pressure sodium or metal halide lamp-choice of light source that is right for you
- Metal Halide Lamp-Provides bright, white light for color-rendering applications
- High Pressure Sodium Lamp-Long-life for extended lighting applications
- Die-cast aluminum housing-Lightweight, rugged dependability in demanding environments combined with excellent surface finish
- 6ft. #14/3 oil-resistant cable with molded-on 5-15 plug resists jobsite oils with out deterioration
- Heavy-duty magnet mount
- Built-in carry handle with integral "eye"-provides for overhead mounting and easy-carry, even when wearing work gloves
- Impact resistant, high-temperature lens with inner surface prisms for optimum light diffusion

Selection Guide

	Metal Halide[1]	High Pressure Sodium[1]
	70 Watt	**70 Watt**
6 ft. Cord	**1000-MH**	**1003-HPS**
Specifications		
Electrical Ratings	120 V/60Hz	120 V/60Hz
Environmental Rating	WET LOCATION	WET LOCATION
Cord Gauge/Type	#14/3 SJTOW	#14/3 SJTOW
Plug Type	NEMA 5-15	NEMA 5-15
Bulb Type	70W MH/E26/ED/Clear	70W HPS/E26/ED/Clear
Avg. Rated Bulb Life	8000 hr.	16000 hr.
Initial Lumens	5500	5160
Color Rendition Index (CRI)[2]	65	<40
Color Temperature (K)[3]	4000K	2100K
Low Temp Start	-20 ° C	-20 ° C
Replacement Parts		
Lens	1000-MH-LENS	1000-MH-LENS
Handle	1000-HAN	1000-HAN
Bulb	1010-MH (70W MH)	1010 (70W HPS)
Magnet	1000-MH-MAG	1000-MH-MAG

Notes:
1. Use secondary safety chain or cable if mounted overhead
2. Based on a scale from 1 to 100 where 100 represents sunlight. The higher the number the truer the color appears
3. Sunlight is simulated with a light that is about 5000 K. The higher the number the whiter the light

Wide Area Lighting - 1000 Series LED

FEATURES:

- cULus listed
- Outdoor use, wet location
- LED energy efficient lighting technology
- 50,000 hour lamp life expectancy
- 3550 lumens
- 5600K color temperature
- Durable, rugged construction
- Impact resistant, high temperature lens
- Easily daisy chained to cover large areas
- Light weight die cast aluminum housing
- Built-in handle
- Integral mounting magnet
- On/Off switch option
- NEMA 5-15 watertight plug and connector option
- Multiple configuration alternatives available

Ericson's 1000LED Series of Wide Area Work Lights features exceptional state-of-the-art LED lighting performance, light-weight rugged construction, low power consumption and flexible magnetic mounting. Ideal for indoor and outdoor use, these innovative work lights are lightweight and compact, impact resistant and designed to deliver years of worry free operation.

Cool white LED lighting reduces eye stress and improves visual acuity thus enhancing the work space environment, all while reducing energy costs. An optional daisy-chain feed-thru capability further extends the utility of the 1000LED by providing the ability to light large areas with a single power drop, freeing vital circuits for other essential activities. The built-in handle is ideal for overhead mounting and carry, even while wearing gloves and the integral heavy-duty magnet is ideal for mounting the light to any metal surface for hands-free operation.

The 1000 Series LED Work Light is ideal for a broad range of temporary lighting applications including:

- Construction
- Ship Building
- Food Processing
- Defense/Safety
- Petroleum / Chemical
- Utility Maintenance

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WET LOCATION RATED

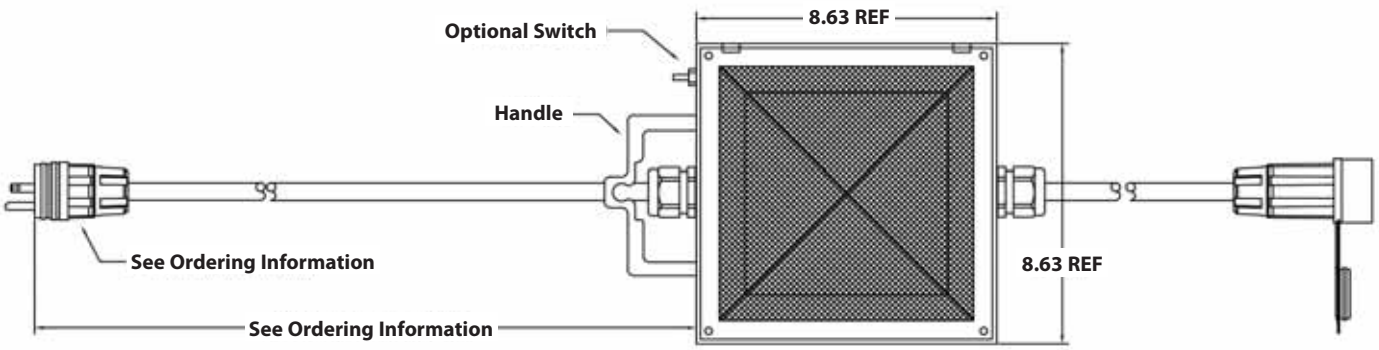
Selection Guide

1000LED-6	LAMP WITH 6FT MOLDED CORD
1000LED-6S	LAMP WITH 6FT MOLDED CORD WITH SWITCH
1000LED-6F	LAMP WITH 6FT CORD & 1FT FEED-THRU PW6P/CW6P
1000LED-6FS	LAMP WITH 6FT CORD & 1FT FEED-THRU PW6P/CW6P WITH SWITCH
1000LED-25F	LAMP WITH 25FT CORD & 1FT FEED-THRU PW6P/CW6P
1000LED-25FS	LAMP WITH 25FT CORD & 1FT FEED-THRU PW6P/CW6P WITH SWITCH

Specifications

Electrical Ratings	100-240 VAC
Amperage Draw	0.4 A
Primary Cord Length	See ordering information
Ballast Location	Main Body
Wet Location Ratings	Yes (Requires watertight plug/connector)
Cable Gauge/Type	14/3 SJTOW
Bulb Type	LED Panel
Initial Lumens	3550
Color Rendition Index (CRI)	70
Color Temperature (K)	5600K
Avg. Rated Bulb Life (Hours)	50,000 Hours
Low Temp Start	-30º C
Fixture Weight (exclusive of cable)	8.6 Lbs.

Notes: Sunlight is simulated with a light that is about 5000 K. The higher the number the whiter the light.



WET LOCATION RATED

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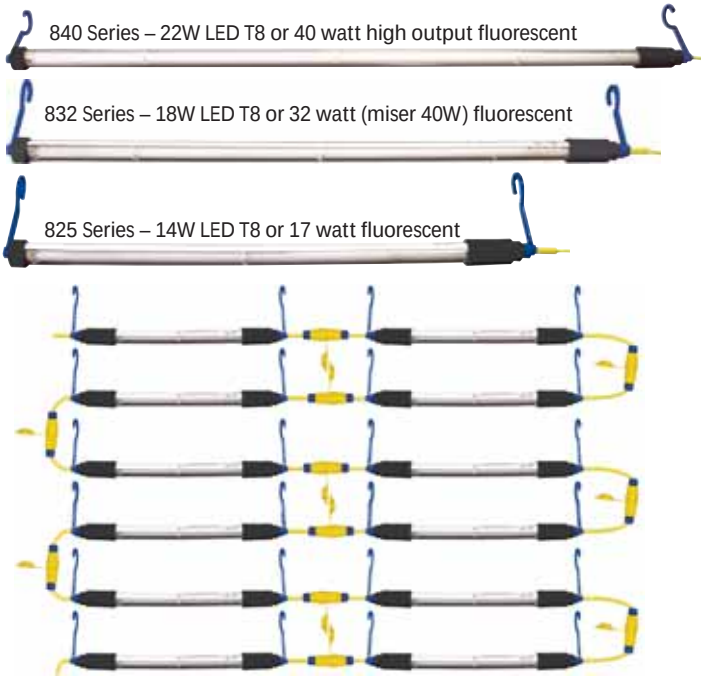
800 Series Heavy Duty Tube Work Lights - LED/Fluorescent



Built-in Daisy-chain Feed-thru Capability: Up to 75 Lights (825-4F-LED)

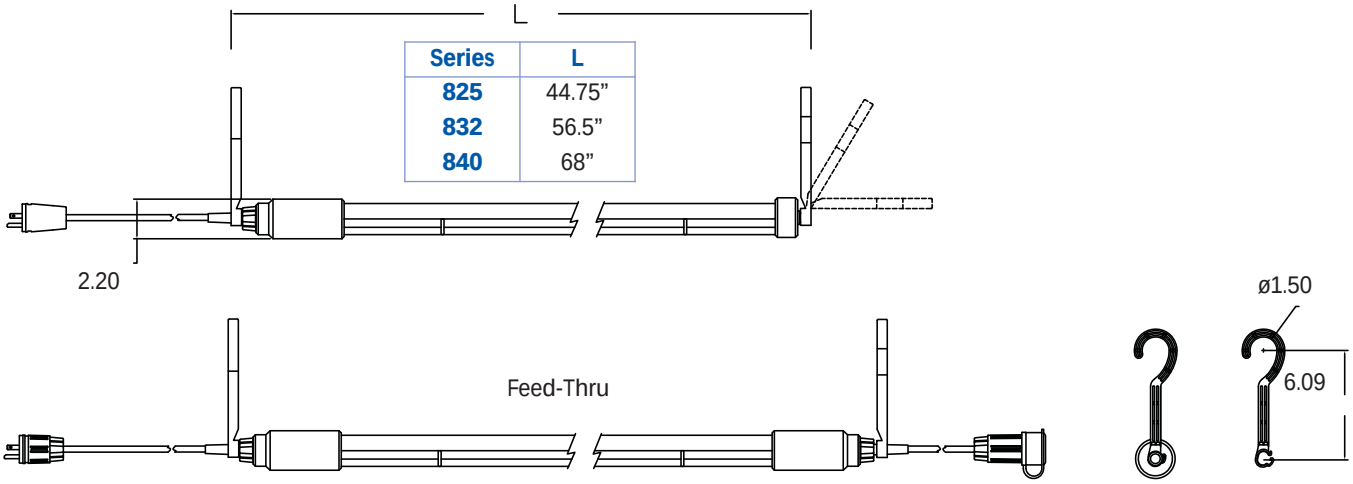
FEATURES:

- cULus outdoor / wet location listed
- LED energy efficient lighting technology
- Durable, rugged indoor / outdoor construction
- Lightweight, impact resistant material
- Rubberized non-conductive / corrosive handle
- Flex strain relief at critical bending points
- Extreme temperature rated (-20°C to +40°C)
- Cool white LED for reduced rye stress
- Cool, glare-free lighting alternative
- Green / ecologically friendly materials
- Low power utilization / consumption
- Available sealed switch option
- Easily "daisy-chained" to cover larger areas
- 50,000 hour life expectancy

Ericson's 800 Series of LED or Fluorescent Heavy Duty Work Lighting Solutions provide uncompromised safety and performance by combining cULus wet location listing (LED only), rugged construction, and energy efficient LED technology. Ideal for indoor and outdoor use these innovative work lights are lightweight, impact resistant, and designed to deliver years of worry free operation.

Additionally, the 800 Series is available in multiple configurations and wattage ratings making these solutions ideal for a wide range of applications including:

- Tunnel Lighting
- Emergency Medical Care
- Task Lighting
- Defense / Safety
- Tent Lighting
- Utility Maintenance
- Entertainment Venues
- Sporting Events



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WET LOCATION RATED

800 Series LED Selection Guide

Configuration	Description	14W LED	18W LED	22W LED
Standard Unit	Portable LED, 25FT Cord	825-25-LED	832-25-LED	840-25-LED
	Portable LED, 50FT Cord	825-50-LED	832-50-LED	840-50-LED
Standard Unit w/Sealed Switch	Portable LED, 25FT Cord w/Sealed Switch	825-25S-LED	832-25S-LED	840-25S-LED
	Portable LED, 50FT Cord w/Sealed Switch	825-50S-LED	832-50S-LED	840-50S-LED
Feed-Thru Unit	Portable LED, 4FT Feed-Thru Cord	825-4F-LED	832-4F-LED	-----
	Portable LED, 25FT Feed-Thru Cord	825-25F-LED	832-25F-LED	840-25F-LED
	Portable LED, 50FT Feed-Thru Cord	825-50F-LED	832-50F-LED	840-50F-LED
Feed-Thru Unit w/Sealed Switch	Portable LED, 25FT Feed-Thru Cord w/Sealed Switch	825-25FS-LED	832-25FS-LED	840-25FS-LED
	Portable LED, 50FT Feed-Thru Cord w/Sealed Switch	825-50FS-LED	832-50FS-LED	840-50FS-LED
Specifications		**14W LED**	**18W LED**	**22W LED**
	Electrical Ratings	120 V, 60Hz	120 V, 60Hz	120 V, 60Hz
	Amperage Draw	150mA	190mA	220mA
	Primary Cord Length	25 ft.	25 ft.	25 ft.
	Secondary Cord Length (Feed-Thru Units Only)	10 in.	10 in.	10 in.
	Max Units Connected (Applies to Feed-Thru Models Only) (2)	75	62	53
	Ballast Location	Handle	Handle	Handle
	Wet Location Rating	Yes	Yes	Yes
	Cable Gauge/Type (Base Units Only)	#16/3 SOOW	#16/3 SOOW	#16/3 SOOW
	Cable Gauge/Type (Feed-Thru Units Only)	#14/3 SJOW	#14/3 SJOW	#14/3 SJOW
	Plug (Base units equipped with molded PW6P plug)	NEMA 5-15 1510-PW6P	NEMA 5-15 1510-PW6P	NEMA 5-15 1510-PW6P
	Connector (Feed-Thru Units Only)	NEMA 5-15 1610-CW6P	NEMA 5-15 1610-CW6P	NEMA 5-15 1610-CW6P
	Bulb Type	LED T8	LED T8	LED T8
	Initial Lumens	1358	1735	2160
	Color Rendition Index (CRI) (3)	>74	>74	>74
	Color Temperature (K) (4)	6000K	6000K	6000K
	Avg. Rated Bulb Life (Hours)	50000	50000	50000
	Low Temp Start	-20C	-20C	-20C
	Fixture Weight (exclusive of cable)	2.5 Lbs.	3.0 Lbs.	3.6 Lbs.

800 Series Fluorescent Selection Guide

		17 W Fluorescent	25 W Fluorescent	32 W Fluorescent	40 W Fluorescent
Base Units	with 25 ft. cord	817-25	825-25	832-25	840-25
	with 50 ft. cord	817-50	825-50	832-50	840-50
Feed-Thru Units	with 25 ft. cord	817-25F	825-25F	832-25F	840-25F
	with 50 ft. cord	817-50F	825-50F	832-50F	840-50F
Specifications					
	Electrical Ratings	120 V, 60Hz	120 V, 60Hz	120 V, 60Hz	120 V, 60Hz
	Amperage Draw	0.25A	0.35A	0.43A	0.48A
	Primary Cord Length	25 ft.	25 ft.	25 ft.	25 ft.
	Secondary Cord Length (Feed-Thru Units Only)	10 in.	10 in.	10 in.	10 in.
	Max Units Connected(Applies to Feed-Thru Models Only) (2)	12	12	12	12
	Ballast Location	Handle	Handle	Handle	Handle
	Wet Location Rating	Yes	Yes	Yes	Yes
	Cable Gauge/Type (Base Units Only)	#16/3 SOOW	#16/3 SOOW	#16/3 SOOW	#16/3 SOOW
	Cable Gauge/Type (Feed-Thru Units Only)	#14/3 SJOW	#14/3 SJOW	#14/3 SJOW	#14/3 SJOW
	Plug (Base units equipped with molded PW6P feed thru)	NEMA 5-15 1510-PW6P	NEMA 5-15 1510-PW6P	NEMA 5-15 1510-PW6P	NEMA 5-15 1510-PW6P
	Connector (Feed-Thru Units Only)	NEMA 5-15 1610-CW6P	NEMA 5-15 1610-CW6P	NEMA 5-15 1610-CW6P	NEMA 5-15 1610-CW6P
	Bulb Type	F17T8SPX41	F25T8SPX41	F32T8SPX41	F40T8SPX41
	Initial Lumens	1325	2150	2950	3725
	Color Rendition Index (CRI) (3)	86	86	86	84
	Color Temperature (K) (4)	4100	4100	4100	4100
	Avg. Rated Bulb Life (Hours)	20000	20000	20000	20000
	Low Temp Start	0 °F	0 °F	0°F	0 °F
	Fixture Weight	3.2 lb	3.8 lb	4.2 lb	4.6 lb

Notes:
1. Consult factory for custom assemblies.
2. Based on nominal primary length of 25ft. and secondary length of 10in. with #16/3 cable operating from a single 15A supply receptacle.
3. Based on a scale from 1 to 100 where 100 represents sunlight. The higher the number the truer the color appears.
4. Sunlight is simulated with a light that is about 5000 K. The higher the number the whiter the light.

Wide Area Lighting - Heavy Duty 1140 Series LED/Fluorescent and 1200 Series Fluorescent

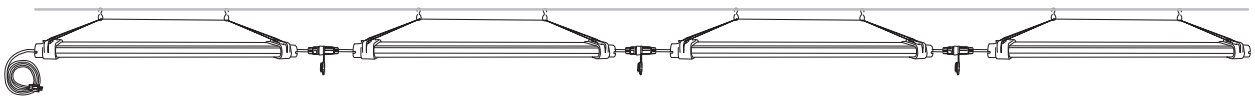
FEATURES:

- cULus outdoor / wet location listed
- LED energy efficient lighting technology
- Durable, rugged indoor / outdoor construction
- Lightweight, impact resistant material
- Flexible based / floor or hanging
- Base designed for cord egress
- Impact resistant heavy duty rubber ends
- Cool white LED for reduced eye stress
- Cool, glare-free lighting alternative
- Green / ecologically friendly materials
- Low power utilization / consumption
- Easily "daisy-chained" to cover larger areas
- 50,000 hour life expectancy

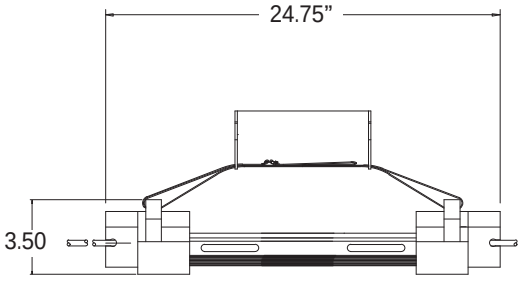
Ericson's 1140 Series of LED Wide Area Lighting Solutions provide uncompromised safety and performance by combining cULus wet location listing, OSHA compliance, rugged construction, and energy efficient LED technology. Ideal for indoor and outdoor use these innovative work lights are lightweight, impact resistant, and designed to deliver years of worry free operation.

Additionally, the 1140 Series is available in multiple configurations and wattage ratings making these solutions ideal for a wide range of applications including:

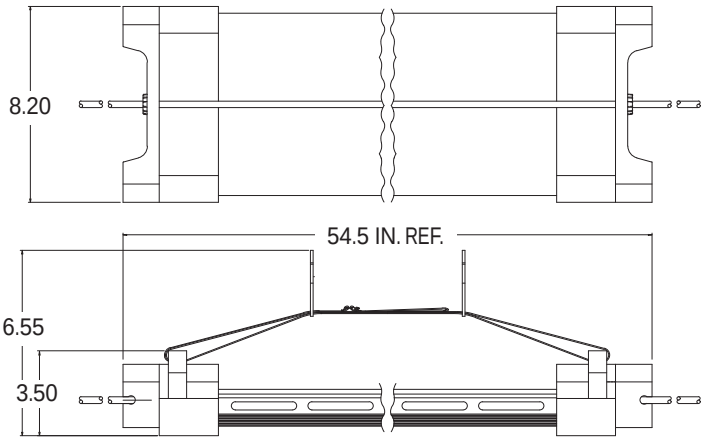
- Tunnel Lighting
- Emergency Medical Care
- Task Lighting
- Defense / Safety
- Tent Lighting
- Utility Maintenance
- Entertainment Venues
- Sporting Events



1200 Series



1140 Series



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WET LOCATION RATED

Selection Guide

Model Number	Electrical Ratings	Primary Cord Length (ft)	Secondary Cord Length (ft)	Primary Plug (NEMA)	Secondary Connector (NEMA)	Bulb Type (2X)	Lumens	CRI	Weight (lbs)
1140 Series LED									
1140-4-LED	120 V 60Hz	4	n/a	5-15	--	20W LED T9	3220	>70	14
1140-4F-LED	120 V 60Hz	4	1	5-15	5-15	20W LED T9	3220	>70	14.5
1140-25-LED	120 V 60Hz	25	n/a	5-15	--	20W LED T9	3220	>70	18
1140-25F-LED	120 V 60Hz	25	1	5-15	5-15	20W LED T9	3220	>70	18.5
1140-50-LED	120 V 60Hz	50	n/a	5-15	--	20W LED T9	3220	>70	20
1140-50F-LED	120 V 60Hz	50	1	5-15	5-15	20W LED T9	3220	>70	20.5
1142-25-LED[2]	120 to 277 V 50/60 Hz	25	n/a	(1)	(1)	20W LED T9	3220	>70	18
1142-25F-LED[2]	120 to 277 V 50/60 Hz	25	1	(1)	(1)	20W LED T9	3220	>70	18.5
Current Draw: 390 mA @120 V									
1140-4	120 V 60Hz	4	n/a	5-15	--	T8 32W	6000	86	14
1140-4F	120 V 60Hz	4	1	5-15	5-15	T8 32W	6000	86	14.5
1140-25	120 V 60Hz	25	n/a	5-15	--	T8 32W	6000	86	18
1140-25F	120 V 60Hz	25	1	5-15	5-15	T8 32W	6000	86	18.5
1140-50	120 V 60Hz	50	n/a	5-15	--	T8 32W	6000	86	20
1140-50F	120 V 60Hz	50	1	5-15	5-15	T8 32W	6000	86	20.5
1142-25	120 to 277 V 50/60 Hz	25	n/a	(1)	(1)	T8 32W	6000	86	18
1142-25F	120 to 277 V 50/60 Hz	25	1	(1)	(1)	T8 32W	6000	86	18.5
1145-4	120 V 60Hz	4	n/a	5-15	--	T5 54W	10,000	86	14
1145-4F	120 V 60Hz	4	1	5-15	5-15	T5 54W	10,000	86	14.5
1145-25	120 V 60Hz	25	n/a	5-15	--	T5 54W	10,000	86	18
1145-25F	120 V 60Hz	25	1	5-15	5-15	T5 54W	10,000	86	18.5
1145-50	120 V 60Hz	50	n/a	5-15	--	T5 54W	10,000	86	20
1145-50F	120 V 60Hz	50	1	5-15	5-15	T5 54W	10,000	86	20.5
1147-25	120 to 277V 50/60 Hz	25	n/a	(1)	(1)	T5 54W	10,000	86	18
1147-25F	120 to 277V 50/60 Hz	25	1	(1)	(1)	T5 54W	10,000	86	18.5
Current Draw: 460 mA @ 120 V, 200 mA @ 277 V									
1239 Series									
1239-4	120 V 60Hz	4	n/a	5-15	--	F39BX	5700	86	8
1239-4F	120 V 60Hz	4	1	5-15	5-15	F39BX	5700	86	8.5
1239-25	120 V 60Hz	25	n/a	5-15	--	F39BX	5700	86	11
1239-25F	120 V 60Hz	25	1	5-15	5-15	F39BX	5700	86	11.5
1239-50	120 V 60Hz	50	n/a	5-15	--	F39BX	5700	86	14
1239-50F	120 V 60Hz	50	1	5-15	5-15	F39BX	5700	86	14.5

Note: 1. Shipped without the plug and connector. The electronic ballast in the 1140/1142 series automatically adjusts to any voltage level within the range 120 to 277 Volts. Not UL Listed.

Handlamp Selection Guide


70-NGQL


744


926-25


918


2500

Descriptions	Light Duty	Medium Duty Commercial	Heavy Duty Industrial	Vapor Proof Industrial	Explosion Proof - Hazardous Location	120V	12 V	LED Bulb	Incandescent Bulb	Fluorescent Bulb
2900 Series	X					X			X	
800 Mini - Lite Fluorescent	X					X				X
400 Series Angle	X					X				X
500 Series Pivot		X				X				X
7 Series Single Bulb		X				X			X	
9 Series Single Bulb		X				X			X	
70-NG Series				X		X	X		X	
900 Series Fluorescent			X			X	X			X
926 Series Fluorescent			X			X	X			X
1917 Series 30 Watt		X				X	X		X	
1918 Series 30 Watt		X				X	X		X	
1950 Series 30 Watt			X				X		X	
1924 Series				X		X	X		X	
1926 Series					X	X	X		X	
2200 Series					X	X			X	
2500 Series					X	X				X
2600 Series					X	X	X	X	X	X

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801-25

2900

FEATURES:

Light Duty Fluorescent Handlamp

- Cool glare-free light ideal for close-up work
- Lamp secured by shock-absorbing retainers
- Flexible hook for easy positioning
- Shatter-resistant plastic housing

Light Duty Incandescent Handlamp: 2900 Series

- UL & cUL Listed
- Lightweight and compact
- Handle constructed of high-impact black nylon
- Includes switch
- 50' cord length with molded on NEMA 5-15 plug
- Receptacle in handle

Light Duty Fluorescent Handlamps

	15-watt
with 25' cord	**801-25**
Specifications:	
Electrical Ratings	120 V, 60Hz
Replacement lamp	F15T8/CW
Ballast Location	Integral with plug
Plug	NEMA 5-15
Switch	Yes
Overall Length	26
Max. O.D.	2-1/8
Weight	2.5 lbs.

Light Duty Incandescent Handlamps

	2900 Series
with 25' cord **with 50' cord**	**2925** **2950**
Specifications:	
Electrical Ratings	120 V, 60Hz
Max. Wattage	100 watt
Cord Size/# Conductors	#16/3
Cord Type	SJTW
Plug	Molded NEMA 5-15 plug
Switch	Yes
Outlet in Handle	Yes (NEMA 5-15)
Reflector Guard	Yes
Swing Open Guard	Yes
Swivel Hook	No

Industrial Duty Incandescent Handlamps

7425-R shown

9425-R shown

FEATURES:

- cULus Listed and CSA Certified, ETL and cETLus Listed
- Molded flexible rubber handle impervious to impact and resistant to jobsite chemicals
- Standard with NEMA 5-15 side outlet (9 Series only)
- Available with optional switch
- Wide selection of pre-wired handlamps and component parts
- Superior low temperature performance

Material

- Proprietary Rubber
- Lampholder/Cord Entry Seal: Rubber
- Screwshell: Tin-plated brass
- Side Outlet: NEMA 5-15R (900 Series only)

Electrical

- Operating voltage: 120 V or 12 V (bulb choice)

Mechanical

- Color: Yellow
- Cord Types: SOW
- Up to 14/3 SOW

Use with LED, CFL or Incandescent bulbs

All Weather Switch Models Available

Customize with:

- Color
- Handle marking
- Cord marking

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Complete Ready To Wire or Cord Supplied Lamps

			7 Series		9 Series	
						
Handlamp Handles w/Guard						
Reflector	**Switch**	**Cord Length**	**Closed-end**	**Closed-end**	**Closed-end**	**Closed-end**
No	No	N/A	**744**	**718**	**944**	**918**
No	No	N/A	**744-I**	**718-I**	**944-I**	**918-I**
Yes	No	N/A	**744-R**	**718-R**	**944-R**	**918-R**
Yes	Yes	N/A	**744-RS**	**718-RS**	**944-RS**	**918-RS**
No	Yes	N/A	**744-S**	**718-S**	**944-S**	**918-S**
Pre-Wired Models with SOW cord and NEMA 5-15 Plug						
						
No	No	25’	**7425**	**7825**	**9425**	**9825**
No	No	25’	**7425-I**	**7825-I**	**9425-I**	**9825-I**
Yes	No	25’	**7425-R**	**7825-R**	**9425-R**	**9825-R**
No	No	50’	**7450**	**7850**	**9450**	**9850**
No	No	50’	**7450-I**	**7850-I**	**9450-I**	**9850-I**
Yes	No	50’	**7450-R**	**7850-R**	**9450-R**	**9850-R**
No	Yes	25’	**7425-S**	**7825-S**	**9425-S**	**9825-S**
Yes	Yes	25’	**7425-RS**	**7825-RS**	**9425-RS**	**9825-RS**
No	Yes	50’	**7450-S**	**7850-S**	**9450-S**	**9850-S**
Yes	Yes	50’	**7450-RS**	**7850-RS**	**9450-RS**	**9850-RS**
Specifications:						
Electrical Ratings			120 V, 60Hz		120 V, 60Hz	
Cord Size/# Conductors			#16/3		#14/3	
Cord Type			SOW		SOW	
Plug			NEMA 5-15		NEMA 5-15	

Notes:
1. Consult factory for custom assemblies
2. Bulbs are not furnished with handlamps
3. Vinyl insulated guards available: Add ”I” to catalog number to specify (not on R models).
4. Switch available: Add “S” to catalog Number to specify. Example 7425-R becomes 7425-RS

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7 Style Handle

- Molded plug end
- With ground tab for wire guards
- Just add guard

9 Style Handle

- Receptacle in handle
- Molded cord plug
- With ground tab for wire guard
- Just add guard

7 Style Handle Pre-Wired	Cat. #
Handle With 25 Ft #16/3 SOOW Cord & 5-15 Plug - No Switch	7-A25
Handle With 50 Ft #16/3 SOOW Cord & 5-15 Plug - No Switch	7-A50
Handle With 25 Ft #16/3 SOOW Cord & 5-15 Plug - With Switch	7-SA25
Handle With 50 Ft #16/3 SOOW Cord & 5-15 Plug - With Switch	7-SA50

9 Style Handle Pre-Wired	Cat. #
Handle With 25 Ft #16/3 SOOW Cord & 5-15 Plug - No Switch	9-A25
Handle With 50 Ft #16/3 SOOW Cord & 5-15 Plug - No Switch	9-A50
Handle With 25 Ft #16/3 SOOW Cord & 5-15 Plug - With Switch	9-SA25
Handle With 50 Ft #16/3 SOOW Cord & 5-15 Plug - With Switch	9-SA50

Lamp Guards for 7 and 9 Series Handlamps

Closed End Wire Guards				For PS25 Bulb 	For PS25 Bulb 	For PS25 Bulb 
No Reflector	104		104-I	118		118-I
With Reflector		104-R			118-R	
Max Wattage	100W			150W		

Open End Wire Guards				For PS25 Bulb 	For PS25 Bulb 	 For PAR 38 Bulb	 For PAR 38 Bulb
No Reflector	107	107-I		119		150	150-I
With Reflector			107-R		119-R		
Max Wattage	150W			300W		150W PAR38 or 300W type R	

Note: These open end guards are not certified or listed, per UL 153 Standard.
Adding these guards to a handlamp constitutes a product that can't be UL listed.

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Replacement parts

7 Series Handles		9 Series Handles		Socket, Ground Clip & Switch for use with 7 and 9 Series Handles		
						
No Switch	With Switch	No Switch with Receptacle	With Switch with Receptacle	Socket with 6" leads	Ground Clip with lead	Switch with weather boot
Handle Only						
7	**7-S**	**9**	**9-S**	**44-W**	**710**	**79**
Handle Assembly (with socket & ground clip)						
7-A	**7-SA**	**9-A**	**9-SA**			

Made in the USA

70-N Vapor-Gard® Handlamps

12 VAC Model

1948-12
75W
(12 V bulb included)

Use with LED, CFL or Incandescent bulbs

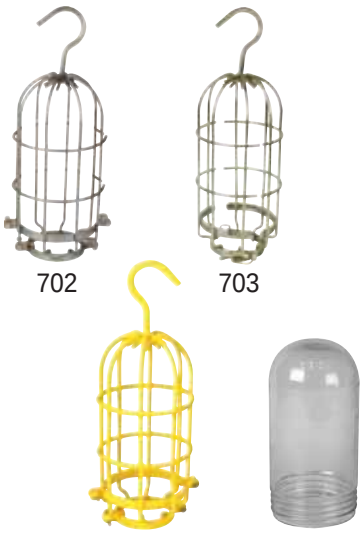
FEATURES:

- cETLus Listed
- Meets NEC and OSHA requirements
- Molded handle impervious to impact and resistant to jobsite chemicals
- Glass globe is heat and impact resistant and threads into handle sealing bulb and socket
- Guard is constructed out of heavy-gauge steel wire and finished with a Zinc-Chromate plating to resist corrosion
- Optional Quik-Latch (part # 703) guard makes bulb changes easy – No tools required
- Cord entry provides strain relief and seals out moisture and dirt
- Wide selection of pre-wired handlamps and component parts
- Prewired models come with #16/3 SOW cord and Ericson's molded sealing plug
- Vapor-Gard® hand lamps are grounded and not available with a switch

Selection Guide

Catalog Number	Cord Length	Cord Type	Plug	Guard Type	Reflector	Vinyl Coated	Voltage
70-NG	N/A	N/A	N/A	702	No	No	12 - 240 V
70-NGR	N/A	N/A	N/A	702-R	Yes	No	12 - 240 V
70-NGQL	N/A	N/A	N/A	703	No	No	12 - 240 V
70-NI	N/A	N/A	N/A	704	No	Yes	12 - 240 V
70-NI25	25	#16/3 SOW	Molded-on 5-15P	704	No	Yes	125 V
70-NI50	50	#16/3 SOW	Molded-on 5-15P	704	No	Yes	125 V
70-NG25	25	#16/3 SOW	Molded-on 5-15P	702	No	No	125 V
70-NG50	50	#16/3 SOW	Molded-on 5-15P	702	No	No	125 V
70-NG100	100	#16/3 SOW	Molded-on 5-15P	702	No	No	125 V
70-NGR25	25	#16/3 SOW	Molded-on 5-15P	702-R	Yes	No	125 V
70-NGR50	50	#16/3 SOW	Molded-on 5-15P	702-R	Yes	No	125 V
70-NGR100	100	#16/3 SOW	Molded-on 5-15P	702-R	Yes	No	125 V
70-NGQL25	25	#16/3 SOW	Molded-on 5-15P	703	No	No	125 V
70-NGQL50	50	#16/3 SOW	Molded-on 5-15P	703	No	No	125 V
70-NGQL100	100	#16/3 SOW	Molded-on 5-15P	703	No	No	125 V
1948-12	50	#14/3 SOW	Molded-on 5-15P	703	No	No	12 V
1948-12CF	50	#14/3 SOW	1507-P Crowsfoot	703	No	No	12 V
1948-12CFR	50	#14/3 SOW	1507-P Crowsfoot	702-R	Yes	No	12 V

Available Guards



702 703 704 707

Notes:
1. Ericson uses Extra Hard Use 600V cord to ensure long lasting performance and sized to the electrical load ampacity
2. Voltage is determined by the bulb used. - Bulbs not included with "70" series handlamps
3. 12 Volt Incandescent Bulb included - "1948" models only

44-W 708

Replacement Parts

Description	Catalog Number
Screw-release guard, no reflector	702
Quik-Latch guard	703
Screw-release guard, vinyl coating	704
Glass globe	707
Handle only, no socket, no cord nut/grommets	708
Socket with pigtails	44-W
Repair Kit with socket tool	712
12 V 75W incandescent bulb	1935-12

Made in the USA

26 Watt

926-25

Magnet with Adjustable Velcro strap holds lamp securely for a hands free light source.

7MH001

Order separately

13 Watt

900-25

FEATURES:

- cULus for wet locations
- Cool, Glare - Free Light - Ideal for those applications where hot glaring light can be a hazard.
- Switch (optional) - Heavy duty rubber boot, push on/off operation, seals out water.
- Field Serviceable - Field repairs are quick and convenient with a wide-range of replacement parts.
- Rubberized Handle - is non-conductive, non-corrosive and easy to grip.
- Flex Strain Relief - Provides added protection for cord at critical bending points.
- Lightweight - Non-conductive construction with high-impact lens.
- Ballast - Enclosed in handle, so it's easy to move around the jobsite.
- Molded plug mates with water tight connectors
- 16/3 SOOW
- TPV end caps
- Low voltage model available

900 Series-Fluorescent Work Lights

	13 Watts	26 Watts
with 25 ft. cord - no switch	**900-25**	**N/A**
with 50 ft. cord - no switch	**900-50**	**N/A**
without Cord - no switch	**900-L0**	**926-L0**
with 25 ft. cord and switch	**900-25S**	**926-25**
with 50 ft. cord and switch	**900-50S**	**926-50**
without Cord - switch	**900-L0S**	**926-L0**
Specifications		
Electrical Ratings	120 V, 60Hz	120 V, 60Hz
Primary Cord Length	see above	see above
Ballast Location	Handle	Handle
Cable Gauge/Type (Base Units Only)	#16/3 S00W	#16/3 S00W
Molded on Plug	NEMA 5-15	NEMA 5-15
Bulb Type	F13DBX23T4/SPX41	F26DBX/SPX41
Initial Lumens	825	1710
Color Rendition Index (CRI) [2]	82	82
Color Temperature (K) [3]	4100	4100
Avg. Rated Bulb Life (Hours)	10000	10000
Low Temp Start	32 °F (0 °C)	10 °F (-12 °C)
Fixture Weight (w/ 25ft cable)	2.5 lb	1.87 lb

Notes:

1. Consult factory for custom assemblies.
2. Based on a scale from 1 to 100 where 100 represents sunlight. The higher the number the more true the color appears (ie grey vs green).
3. Sunlight is simulated with a light that is about 5000 K. The higher the number the whiter the light.
4. LO models are not UL listed.

c UL us LISTED

WET LOCATION RATED

Made in the USA

Industrial Low Voltage Fluorescent Handlamps - 926 Series

Factory-wired with water tight crowsfoot plug to mate with CF series transformers.

Requires low voltage transformer

926-25 LV

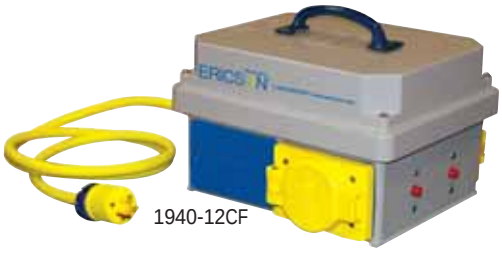
FEATURES:

- OSHA Compliant - Meets OSHA regulations for confined space requirements.
- Outdoor Use - Fixture is rated or demanding for outdoor and in-plant environments.
- Cool, Glare-Free Light - Ideal for those applications where hot, glaring light can be a hazard.
- Switch (optional) - Heavy duty rubber boot, push on/off operation, seals out water.
- Field Serviceable - Field repairs are quick and convenient with a wide-range of replacement parts.
- Rubberized Handle - is non-conductive, non-corrosive and easy to grip.
- Flex Strain Relief - provides added protection for cord at critical bending points.
- Lightweight - non-conductive construction with high-impact lens.
- Ballast - Enclosed in handle, so it's easy to move around the jobsite.

The next generation of OSHA Compliant temporary lighting is now available. Low Voltage Fluorescent Fixtures are an ideal alternative to the hot, glaring light produced by incandescent fixtures.

OSHA 1926.405(a)(2)(ii)(G): "Portable electric lighting used in wet and/or other conductive locations, as for example, drums, tanks, and vessels, shall be operated at 12 volts or less.

120 V to 12 VAC Transformer Can Operate 2 Lamps



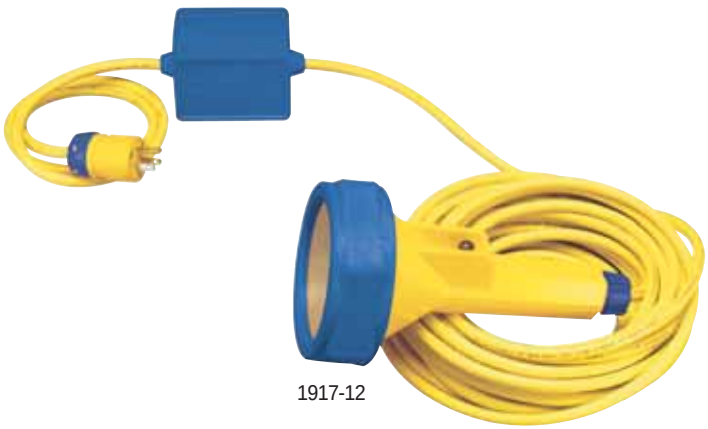
1940-12CF

Selection Guide

26 Watt Low-Voltage Fluorescent Handlamps	
w/ 25 ft. cord	**926-25LV(3)**
w/ 50 ft. cord	**926-50LV(3)**
Specifications	
Electrical Ratings	12 VAC/26 Watt
Ballast Location	In Handle
Switch Location	In Handle
Cable Gauge/Type	#16/3 SOOW
Plug (Crowsfoot ⏀)	1507-PW6P
Bulb Type	F26DBX/SPX41
Initial Lumens	1710
Color Rendition Index (CRI) (1)	82
Color Temperature (K) (2)	4100
Avg. Rated Bulb Life	10,000 hours
Low Temp Start	10F (-12C)
Fixture Weight:	1.87 lbs

Notes:

1. Based on a scale from 1 to 100 where 100 represents sunlight. The higher the number the more true the color appears (ie grey vs. green)
2. Sunlight is simulated with a light that is about 5000 K. The higher the number the whiter the light
3. For use with 12 VAC power source; Ericson CF Series transformers
4. Also available in a DC version. Consult factory for custom assemblies



1917-12

FEATURES:

- All non-metallic construction
- Non-glass lens for food & beverage processing work
- Can be mounted to an electric cord reel (call for details)
- Large rubberized cushion will not mare or scratch surfaces
- Drop and abuse resistant design and construction
- Switch has all weather boot covering for water tight operation
- Rubberized sealed inline transformer assembly converts 120 to 12 VAC
- High output 50,000 candle power lamp draws only 30 watts
- 120 V to 12 V
- Lexan, non-glass clear protective lens
- Nylon body

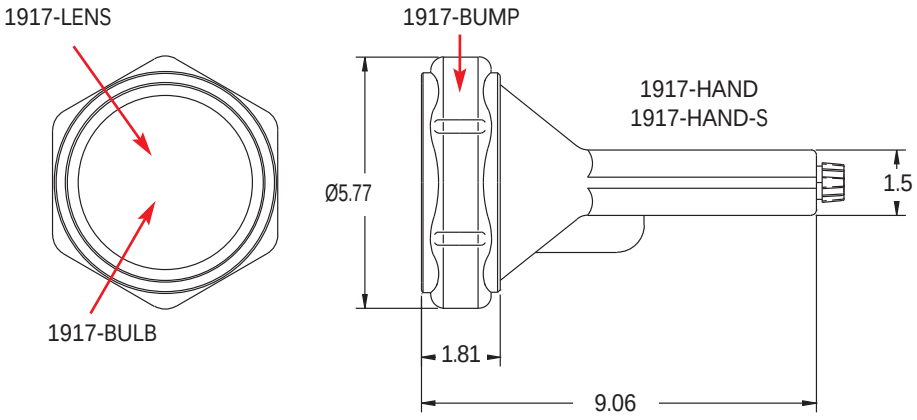
Selection Guide

	12 Volt, 30 Watts	
	w/out switch	**w/ switch**
Spotlights	**1917-12**	**1917-12S**
Floodlights	**1918-12**	**1918-12S**
Specifications:		
Primary Voltage	120 VAC, 60Hz	120 VAC, 60Hz
Secondary Voltage	12 VAC	12 VAC
Maximum Wattage	30 watts	30 watts
Primary cord gauge & type	#16/3 SOW	#16/3 SOW
Primary cord length	4 ft.	4 ft.
Secondary cord gauge & type	#16/3 SOOW	#16/3 SOOW
Secondary cord length	50 ft.	50 ft.
Plug	NEMA 5-15	NEMA 5-15

Note: Consult factory for custom assemblies

GREAT FOR:

- **Food processing**
- **Beverage tanks**
- **Beer, wine, spirit distilling**



WET LOCATION RATED

Made in the USA

Low Voltage Handlamps with In-Line Transformer

FEATURES:

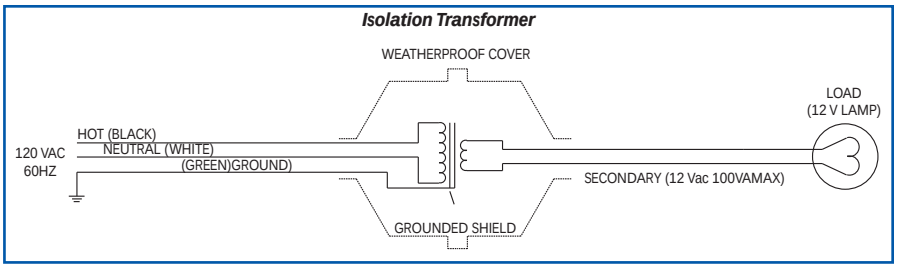
- Step-down transformers reduce 120 VAC line voltage to12 VAC
- Extra-thick walled rubber housing with non-corrosive stainless steel hardware protects transformer from jobsite contaminants
- Transformers incorporate a grounded metal shield between primary and secondary windings to ensure the two voltages are isolated providing an added degree of protection
- Each transformer is subjected to a factory dielectric test of 1600 volts between primary and secondary windings and between each winding and ground to ensure safety
- 1924 Series is vapor proof only
- Shock resistant

OSHA 1926.405(a)(2)(ii)(G): "Portable electric lighting used in wet and/or other conductive locations, as for example, drums, tanks, and vessels, shall be operated at 12 volts or less. However, 120-volt lights may be used if protected by a ground-fault circuit interrupter.

120 Volt AC To 12 Volt AC		
Low voltage hand lamps	**Vapor Proof**	**Explosion Proof**
with 25' secondary cord	**1924-12A**	**1926-12A**
with 50' secondary cord	**1924-12B**	**1926-12B**
Specifications:		
Primary Voltage	120 V, 60Hz	120 V, 60Hz
Secondary Voltage	12 V	12 V
Maximum Wattage	100 watts	75 watts
Primary cord gauge & type	#16/3 SOW	#16/3 SOW
Primary cord length	10 ft.	10 ft.
Secondary cord gauge & type	#14/3 SOW	#14/3 SOW
Plug	NEMA 5-15	NEMA 5-15

Notes: 1926 lamp assembly only is certified Class I & II, Div 1 & 2. Transformer is not hazardous location rated. Consult factory for custom assemblies

Notes: 1926 lamp assembly only is certified Class I & II, Div 1 & 2. Transformer is not hazardous location rated. Consult factory for custom assemblies



Made in the USA

WET LOCATION RATED

2200 Series

2500 Series

2600 Series

FEATURES:

2200 Series

- 12 Volt
- Spot bulb
- Lightweight
- Hook for light placement
- Class I, Div I Group D
- 100,000 candle power
- 50 watts

2500 Series

- 120 Volt
- Ballast in handle
- 26W QuadT5 CFL bulb
- Long thin design for hard to reach areas
- Class I & II
  - Div 1 & 2
  - Groups C, D, F, G

2600 Series

- 120 or 12 Volt
- LED, Incandescent or CFL bulb
- EZ to replace parts
- New cord grip & strain relief
- Up to #12/3 SO cord
- 12 volt or 120 volt
- Class I & II
  - Div 1 & 2
  - Groups C, D, F, G
- NEMA 4X rated

USE WITH LED, CFL OR INCANDESCENT BULBS

Made in the USA

Explosion Proof Spot Light - 2200 Series

FEATURES:

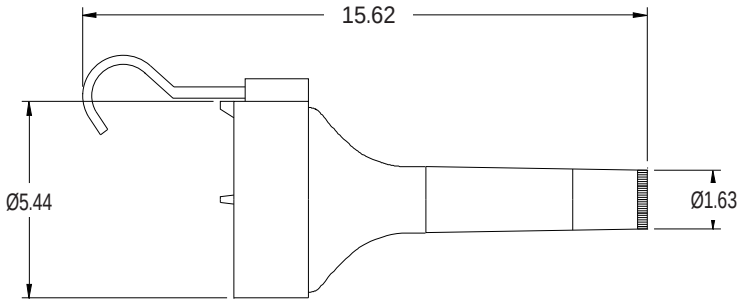
- UL Listed and CSA Certified
- Class I, Div 1 Group D
- Lightweight construction features non-sparking aluminum guard and non-conductive, high-impact glass reinforced handle
- Designed for applications requiring weather resistant or spark resistant construction
- Unique cord restraint seal system includes flex relief and cable cord clamp to provide superior water resistance at cord entry
- Cable cord clamp can be inspected or adjusted without disassembly of handle
- High-impact tempered glass globe threads directly into specially designed handle
- Handle construction provide superior strength and high insulation properties
- Resistant to heat up to 300° F and withstands chemicals, acids and chipping
- Heavy-duty aluminum guard features 360° swivel hook
- 50 watts, 100,000 candle power, T3C rated
- Requires a 12-14 VAC source

Selection Guide

	2200 Series Spotlight
Handlamp Only	**2200**
w/ 25 ft. cord, 16/3 SOOW	**2225**
w/ 50 ft. cord, 16/3 SOOW	**2250**
Specifications:	
Environments	Class I, Group D
Primary Voltage (3)	12 V
Maximum Wattage	50 watts
Primary cord gauge & type	#16/3 SOOW
Plug (1)	Molded 5-15P
Guard	Cast Aluminum
Globe	Tempered Glass
Handle	Glass reinforced phenolic

Notes:
1. Plug is not explosion proof and is intended to be used outside of the hazardous area.
2. Contact factory for custom assemblies
3. Requires 12-14V AC source

2200 Series



1940-12

120 V to 12 V

Made in the USA

LISTED

26 W Fluorescent XP Handlamp

FEATURES:

- UL Listed for Class I & II Div 1 & 2 locations
- Lightweight construction features non-sparking aluminum guard and non-conductive, high-impact glass reinforced handle
- Designed for applications requiring weather resistant or spark resistant construction
- Unique cord restraint seal system includes flex relief and cord clamp to provide superior water resistance at cord entry
- Cable cord clamp can be inspected or adjusted without disassembly of handle
- Handle construction provide superior strength and high insulation properties
- Resistant to heat up to 300° F and withstands chemicals, acids and chipping
- Heavy-duty aluminum guard features 360° swivel hook
- Fits up to #14/3 cord
- Cool, bright compact fluorescent T5 quad tube bulb (26W)
- Temp rating T6

Selection Guide

	2500 Series
Handlamp Only	**2500**
Handlamp with 25' cord	**2525**
Handlamp with 50' cord	**2550**
Specifications:	
Environments	Class I, Div 1 & 2, Group C, D Class II, Div 1 & 2, Group F, G
Electrical	120 V/60Hz
Maximum Wattage	26 watts
Cord gauge & type	#16/3 SOW
Plug (1)	NEMA 5-15
Guard	Cast Aluminum
Globe	Tempered Glass
Handle	Glass reinforced phenolic

Notes:
1. Plug is not explosion proof and is intended to be used outside of the hazardous area
2. Contact factory for custom assemblies

LISTED

EXPLOSION PROOF!

Made in the USA

Hazardous Duty LED, Incandescent & Fluorescent Handlamps

2600-LED

USE WITH LED, CFL OR INCANDESCENT BULBS

FEATURES:

- ETL Listed & certified
- NEMA 4X
- Lightweight construction features non-sparking aluminum guard and non-conductive, high-impact glass reinforced handle
- Designed for applications requiring weather resistant or spark resistant construction
- Unique cord restraint seal system includes flex relief to provide superior water resistance at cord entry
- Accommodates #16/3 to #14/3 types S, SO, ST or STO cords
- High-impact tempered glass globe threads directly into specially designed guard assembly
- Handle construction provides superior strength and high insulation properties
- Resistant to heat up to 300° F and withstands chemicals, acids and chipping
- Heavy-duty aluminum guard features swivel hook
- Incandescent handlamp accommodates up to 100 watt bulb
- Easy to replace parts
- Class I & II Div 1 & 2, Groups C, D, F & G
- Temp Rating T3C with 100 Watt Incandescent -20ºC to 40ºC Ambient
- Explosion proof stringlights also available, see stringlights

Selection Guide

	2600 LED[2]	2600 Low Voltage[2]	2600 Incandescent[2]	2600 Fluorescent [2]
Handlamp Only	2600-LED	2600-LED-L	2600	2600-CFL
Handlamp with 25' cord[1] 16/3 SOOW	2625-LED	2625-LED-L	2625	2625-CFL
Handlamp with 50' cord[1] 16/3 SOOW	2650-LED	2650-LED-L	2650	2650-CFL
Handlamp with 100' cord[1] 16/3 SOOW	26100-LED	26100-LED-L	26100	26100-CFL
Specifications:				
Electrical	12 V 8W	12 VAC	120 VAC	120 VAC
Maximum Wattage	11W	7.5W	100 W	23 Watt Self Ballast CFL
Cord gauge & types	#16/3 SOOW	#16/3 SOOW	#16/3 SOOW	#16/3 SOOW
Plug [1]	5-15	5-15	5-15	5-15

Notes:
1. Plug is not explosion proof and is intended to be used outside of the hazardous area
2. Includes bulb
3. Contact factory for custom assemblies

Made in the USA

EXPLOSION PROOF!

WET LOCATION RATED

4X


2601


2603


2604


2605


2602*


1935-12
12 V


SLBLED
11 W

Replacement Parts

	2600 Series
	Fluorescent
Guard & globe assembly	2601
Lamp, SB 23W CFL Edison base (6 pk)	2602
2600 handle only	2603
2600 cord strain relief kit	2604
2600 replacement base & socket assembly	2605
Snap-on reflector	2606
Hook assembly	2607
12 V incandescent bulb 75W	1935-12
LAMP, LED, 11W	SLBLED

Notes: Sold in packs of 6 lamps only

Other Plug Options For XP Service	
Crouse Hinds	BP49
Killark	UGP-15231
Killark	UGP-15231MG

Cut-As-U-Go cord grip strain relief allows cord from #16/3 to #14/3 SO

Made in the USA


BL-500S

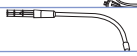

BL-500M


BL-500

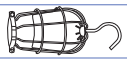
FEATURES:

- Extra bright light - 500 watt tungsten
- 8800 lumens
- Curved handle allows light to reach into the farthest corner
- Small diameter fits through site hole (1.8" Dia. Max)
- NEMA 5-15 plug molded cord
- 120 volt operation
- Welded steel cage protects bulb
- Grounded metal tube handle
- Not for hazardous locations
- Use GFCI inline for confined space use
- 5' SOW cord for long service life
- Molded 5-15 plug

Selection Guide

Item	Description	Product Picture	Cord Length	Length	Bulb Wattage
BL500S	Boiler light, straight		5 feet	32"	500W
BL500	Boiler light, 90°			25" & 9"	
BL500M	Boiler light, with magnet			32"	

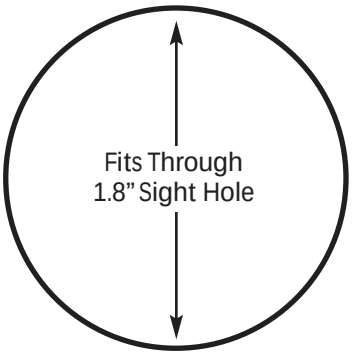
Selection Guide

Item	Description	Product Picture
104-R	Alternate reflector guard (optional)	
BL500-G	Replacement Guard	
BL500-L	Replacement Bulb, 500 Watt	
BL500-MAG	Replacement Magnet Kit	

Note: Not for retrofit of non-magnet lights

Optional Reflector Guard

P/N 104-R



Made in the USA

Application: Ericson stringlights (custom E-lite) outline San Francisco skyline buildings.

Application: Ericson stringlights (custom 12/3 black Navy Drop) light up bridge in Tempe, Arizona.

Ericson Manufacturing Company offers a wide variety of plugs and connectors to fit your needs.

PERMA-KLEEN™

6P SUBMERSIBLE

Ericson's Perma-Kleen Anti-microbial Wiring Devices deliver exceptional protection against anti-microbial growth, even on hidden hard to clean surfaces. Retrofitting current installations with these cost effective solutions will provide confidence and peace of mind by knowing every possible step has been taken to protect consumers against harmful, and potentially deadly, microbial contamination.

- Inhibits Growth of Bacteria, Molds, Mildews and Fungi
- Anti-microbial Additives Embedded in Polymer
- Resistant to High Pressure Hose-down
- NEMA Type 4, 4X, 6, 6P and IP67 Protection

SmartMonitor™

Features of All SmartMonitor™ Plugs & Connectors:

- Super bright 2-color LED technology
- SmartMonitor™ Module
- Easy to wire
- Clear internal wiring cover
- Multiple cord grommets included
- Makes OSHA safety compliance easy and cost effective

24/7 Monitoring of These 7 Events

- No Ground
- Loss of Ground In Cord
- Hot/Neutral Swap
- Reverse Polarity
- Hot on Ground
- Open Neutral

3 Styles to Pick From:

- Perma-Link® • Perma-Grip™ • Perma-Tite® 2

PERMA-TITE® 2

6P SUBMERSIBLE

- Tongue & groove sealing system provides extreme environmental protection of:
  - NEMA Type 4, 4X, 6, 6P & IP67
- Devices resist high-pressure hose down of 1,500 psi.
- Withstand high impact, corrosion, oils, greases, solvents and other chemicals across -20 °C to + 100°C
- Removable/replaceable self-retained sealing cap provided with connector to keep out contaminants when not in use (plug cap also available)
- Custom marking available on cord grip nut
- Available in all black

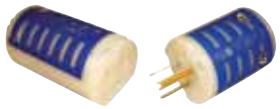
PERMA-GRIP™

- Quick field assembly with cord grip nut
- Superior water/mud/dust resistance provided by safety compression cord grips
- Withstand high impact, corrosion, oils, greases, solvents and other chemicals across -20 °C to + 100°C
- Flexibility of reverse-cover design (straight blade devices) creates weather-resistant connections by interchanging covers
- Custom marking available on cord grip nut
- Available in all black

PERMA-LINK®

- Two-screw cable clamp secures cord and provides superior strain-relief
- Withstand high impact, corrosion, oils, greases, solvents and other chemicals across -20 °C to + 100°C
- Individual wire pockets help prevent flashovers
- Rubberized outer housing for superior grip and impact resistance
- Flexibility of reverse-cover design creates weather-resistant connections by interchanging covers
- Internal cord seals keep out water/mud/dust
- Available in all black

Commercial Grade



- Translucent body allows device to glow from power on lamp
- Wide open "suitcase" style construction makes wiring easy
- Fits 10/3 to 18/3 cord diameters
- Rugged design withstands abuse on the jobsite
- Color coded termination screws for ground, hot and neutral
- Combo screw heads speed up installation
- Rubberized "grip" cushions and surrounds device
- Economy priced

Double Outlet Receptacle with Cover Plates - PWDX Series

- Weather resistant boot seals around Ericson Perma-Tite plug to provide weather resistant protection
- Spring-loaded flip-lid covers the receptacle when not in use
- Two independent fully rated receptacles in one easy to install assembly
- Impact, chemical & corrosion resistant construction stands up to demanding environments
- Mounts easily to 6200 series FS/FD boxes and any flat surface

FS Series Single Receptacles & Male Inlets Under All Weather Flip Covers

- Weather resistant boot seals around Ericson Perma-Tite plug to provide weather resistant protection
- Spring-loaded flip-lid covers receptacle when not in use
- Includes cover plate, rubber boot, stainless steel mounting plate/mounting screws
- Impact, chemical & corrosion resistant construction stands up to demanding environments
- Mounts easily to 6200 or 6300 series FS/FD boxes and any flat surface
- Collar plug seals and grips all types of round plugs or connectors

50 Amp Devices

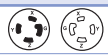
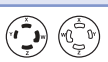
- Rugged nylon construction resists impact, corrosion and jobsite oils/chemicals
- Quick field assembly, with color coded markings
- Nickel plated blades and stainless steel screws provide optimum corrosion resistance
- Boots can be threaded together with the optional sealing collar system to provide maximum environmental protection
- Available in plugs, connectors, inlets and receptacles
- Rubberized grey "Twist-Grip" for ease of connection

NEMA Change Adapters

Now make quick, secure connections between straight-blade and locking plugs and connectors with Ericson's NEMA configuration adapters.

- Heavy-duty non-conducting housing and using heavy gauge solid brass blades
- Compact size makes them easy to use and transport
- Available in molded style or short cords

Ericson Wiring Device Selection Chart

Face View	NEMA Configuration	Electrical Ratings: Amps	Volts	UL/CSA Listing[4]	Base Model: Plug[1,2] 1510-P	Base Model: Connector[1,2] 1610-C	Cross Reference Basic[3]: Plug	Cross Reference Basic[3]: Connector
2-pole, 3-Wire Grounding								
	5-15	15	125	AC/DC	1510-P	1610-C	1447	1547
	5-20	20	125	AC/DC	1512-P	1612-C	1433	1533
	6-15	15	250	AC/DC	1514-P	1614-C	1449	1549
	6-20	20	250	AC/DC	1516-P	1616-C	1448	1548
	L5-15	15	125	AC/DC	1520-P	1620-C	2447	2547
	L6-15	15	250	AC/DC	1522-P	1622-C	2449	2549
	L7-15	15	277	AC	1524-P	1624-C	2434	2534
	L5-20	20	125	AC/DC	2310-P	2410-C	2647	2747
	L6-20	20	250	AC/DC	2312-P	2412-C	2648	2748
	L7-20	20	277	AC	2314-P	2414-C	2649	2749
3-Pole, 3-Wire Non-Grounding								
	Non-NEMA	20	125/250	AC/DC	2316-P	2416-C	2608	1547
	Non-NEMA	20/10	250/600	AC	2317-P	2417-C	N/A	1533
	Non-NEMA	15A/10A	125V/250V	AC	1507-P	1607-C	N/A	1549
3-Pole, 4-Wire Grounding[5]								
	L14-20	20	125/250	AC/DC	2320-P	2420-C	2674	2774
	L15-20	20	250, 3Ø	AC	2322-P	2422-C	2675	2775
	L16-20	20	480, 3Ø	AC	2324-P	2424-C	2676	2776
2-Pole, 3-Wire Grounding								
	L5-30	30	125	AC/DC	2510-P	2610-C	2674	2947
	L6-30	30	250	AC/DC	2512-P	2612-C	2675	2948
	L7-30	30	277	AC	2514-P	2614-C	2676	2949
3-Pole, 3-Wire Non-Grounding[5]								
	Non-NEMA	30	125/250	AC/DC	2516-P	2616-C	2808	2908
3-Pole, 4-Wire Grounding[5]								
	L14-30	30	125/250 3Ø	AC/DC	2520-P	2620-C	2874	2974
	L15-30	30	250, 3Ø	AC	2522-P	2622-C	2875	2975
	L16-30	30	480, 3Ø	AC	2524-P	2624-C	2876	2976
	L17-30	30	600, 3Ø	AC	2526-P	2626-C	2877	2977
4-Pole, 4-Wire[5]								
	L18-30	30	120/208 3Ø wye	AC	2530-P	2630-C	2878	2978
4-Pole, 4-Wire Non-Grounding[5]								
	Non-NEMA	30	120/208 3Ø wye	AC	2528-P	2628-C	2809	2909

Notes:
1. Base model plug and connector = Ericson Perma-Link® style
2. See configuration examples for water tight "Perma-Tite 2", Perma-Grip, SmartMonitor and Perma-Kleen
3. Add "W" for water tight, ie 1447 = 14W47
4. UL/CSA Listed designations apply to Perma-Link, Perma-Grip and Perma-Tite styles only
5. Not available in Perma-Grip configuration

Made in the USA

PERMA-LINK®

Base Model Configuration

1510-P - Plug

1610-C - Connector

PERMA-GRIP™

Add "G" to Base Model Configuration

1510-PG - Plug

1610-CG - Connector

PERMA-TITE® 2

Add "W6P" to Base Model Configuration

1510-PW6P - Plug

1610-CW6P - Connector

PERMA-KLEEN™

Perma-Grip™ Configuration

Add "- AM" to Desired Configuration

1510-PG - AM - Plug

1610-CG - AM - Connector

PERMA-TITE® 2 Configuration

Add "-AM" to Desired Configuration

1510-PW6P-AM - Plug

1610-CW6P-AM - Connector

SmartMonitor™

Perma-Grip™ Configuration

Add "MGL" to Desired Configuration

1510-PMGL - Plug

1610-CMGL - Connector

PERMA-TITE® 2 SmartMonitor™ Configuration

Add "L" to Desired Configuration

1510-PW6PL - Plug

1610-CW6PL - Connector

PERMA-KLEEN™

Untreated
E-Coli @ 24 hours

Treated
E-Coli @ 24 hours

FEATURES:

- UL Listed
- Patent pending
- Inhibits growth of bacteria, molds, mildews and fungi
- Escherichia (E. Coli):
  - Log Reduction > 4.8, Log Reduction % > 99.998%
- Staphylococcus (Staph), MRSA:
  - Log Reduction > 3.9, Log Reduction % > 99.98%
- RoHS Compliant (Non-Halogenated)
- Anti-microbial additives embedded in polymer
- Antimicrobial additive resistant to scuffing and cleaning
- Independently tested and certified
- Resistant to high pressure hose-down
- Tongue & groove environmental sealing
- Keyed body and cover for alignment
- NEMA Type 4, 4X, 6, 6P and IP67 protection

Ericson's Perma-Kleen Anti-microbial Wiring Devices deliver exceptional protection against anti-microbial growth, even on hidden hard to clean surfaces. Retrofitting current installations with these cost effective solutions will provide confidence and peace of mind by knowing every possible step has been taken to protect consumers against harmful, and potentially deadly, microbial contamination.

Perma-Kleen plugs and connectors are engineered and manufactured to the highest quality standards to provide the ultimate in electrical service and protection. These devices are designed and proven to do their best under the worst conditions and in a wide range of challenging applications.

Perma-Kleen Anti-microbial Wiring Devices are ideal for a wide range of applications including:

- Poultry Processing
- Pharmaceutical Processing
- Agriculture
- Seafood Processing
- Food Packaging
- Beverage Processing
- Meat Processing
- Food Preparation
- Health Care

Made in the USA

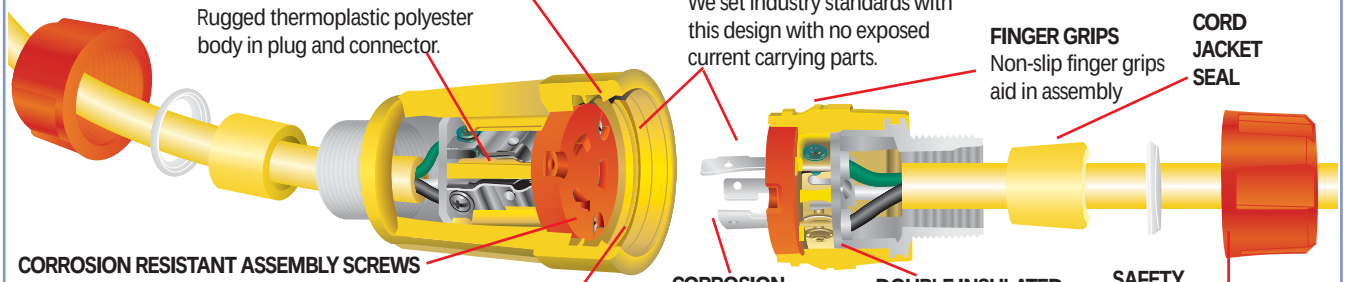
UL LISTED

6P SUBMERSIBLE

4X

PERMA-KLEEN™

EXTRA GROMMETS Color coded rubber cord sealer grommets supplied for a variety of diameters.



UNIQUE WATER/DUST WIPER
Seals out moisture, mud and particles.

PBT BODY
Rugged thermoplastic polyester body in plug and connector.

ORIGINAL DEAD-FRONT BACK-WIRED CONSTRUCTION
We set industry standards with this design with no exposed current carrying parts.

FINGER GRIPS
Non-slip finger grips aid in assembly

CORD JACKET SEAL

CORROSION RESISTANT ASSEMBLY SCREWS
Stainless double lead assembly screws made for plastics exclusively to insure fast assembly and withstand high torque and pullout

EIGHT POINT SEALING
Unique rubber to rubber tongue and groove eight point seal-tite system when mated.

CORROSION RESISTANT NICKEL PLATED BLADES
Current carrying blades and contacts of high conductivity copper alloy with nickel plating for corrosion resistance.

DOUBLE INSULATED
Superior PBT body with TPE thermoplastic elastomer cover for extra safety, protection and durability.

SAFETY COMPRESSION CORD GRIP
Non-conductive, long life rugged PBT, powerful cord grip, unique design accepts a variety of wire sizes with no crushing and no inserts to change or add.

PERMA-KLEEN™ Plug Cover

- Use with Ericson's Perma-Tite® plugs to seal out water, dust and other contaminants and to protect blades from damage when plug is not in-use
- Eight-point rubber tongue and groove sealing system provides environmental protection
- Additional protection provided by a unique internal water/dust wiper
- Easy to assemble
- Ericson's Radiant Yellow for High Visibility on job sites

15PW-AM with 1510-PW6P Plug

PERMA-KLEEN™ Plug Cover Selection Guide

Catalog Number	Description
15PW-AM	Male closure cap, for use with 15A Straight Blade & Locking devices and 20A Straight Blade devices.
16CW-AM	Female replacement cover for CW6P connectors
24CW-AM	Female Large replacement cover for CW6P connectors
26CW-AM	Female 30 Amp Large replacement cover for CW6P connectors

16CW-AM - Fits 16XXCW6P Connectors

24CW-AM - Fits 24XXCW6P Connectors
26CW-AM - Fits 26XXCW6P Connectors

4X 6P SUBMERSIBLE UL LISTED Made in the USA

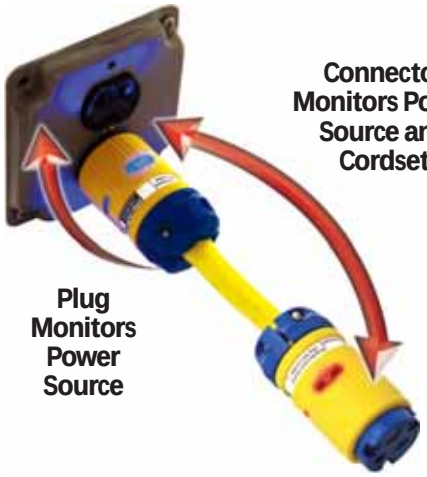
SmartMonitor™ Series

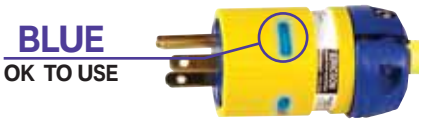
FEATURES:

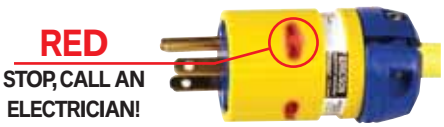
- Full Diagnostic Capability
- 24/7 Diagnostic Monitoring
- Super Bright LED Technology
- SmartMonitor™ Module
- Keyed body and cover
- Easy to wire
- Clear internal wiring cover
- Non-slip finger grips
- Color coded terminal screws
- Multiple cord grommets included
- Rubberized outer body
- Safety yellow and blue body
- Compatible with power tools

24/7 Monitoring

- No/Open Ground
- Loss of Ground In Cord
- Hot/Neutral Swap
- Reverse Polarity
- Hot on Ground
- No/Open Neutral







Full Diagnostic Safety Cord Capability

No Error Condition

- Ready For Use

Error Condition: Connector

- Check Cord for Nicks, Cuts
- Check Connector Wiring

Error Condition: Plug

- Check Power Source
- Check Cord for Nicks, Cuts
- Check Plug Wiring
- Check Connector Wiring

Cord Clamp Style

Perma-Link™ Cord Clamp Style Features:
- Internal cord seal
- Dual screw self-centering clamp
- Rubberized outer body

Cord Grip Style

Perma-Grip™ Cord Grip Nut Style Features:
- Nickel plated solid brass blades
- Sealing cord grip nut design

Water Tight Style

Perma-Tite2™ All Weather Cord Grip Nut Style features:
- All weather - NEMA 6P rated
- Nickel plated solid brass blades
- Sealing cord grip nut design
- Connector includes cover
- 360˚ indication

Plug & Connector Selection Guide

Face View	NEMA Configuration	Electrical Ratings		Perma-Link®		Perma-Grip®		Perma-Tite® 2	
		Amps	Volts	Plugs	Connectors	Plugs	Connectors	Plugs	Connectors
Straight Blade, 2-pole, 3-wire Grounding Devices									
	5-15	15	125	1510-PML	1610-CML	1510-PMGL	1610-CMGL	1510-PW6PL	1610-CW6PL
	5-20	20	125	1512-PML	1612-CML	1512-PMGL	1612-CMGL	1512-PW6PL	1612-CW6PL
Locking, 2-pole, 3-wire Grounding									
	L5-20	20	125	2310-PML	2410-CML	2310-PMGL	2410-CMGL	2310PW6PL	2410-CW6PL

Wide variety of grommets for multiple cord diameters.

Power Tool Cord Compatible

- Verifies Power and Safety Ground
- Immediate Visual Indication of Error Condition
- Visual Indication of Acceptable Power Source

Blue No Error Condition
- Ready For Use

NEMA TYPE 4, 4X, 6 & 6P

- Excels in demanding outdoor & in-plant environments
- Resists hose directed water, the entry of water during prolonged submersion at a limited depth & damage from external ice formation

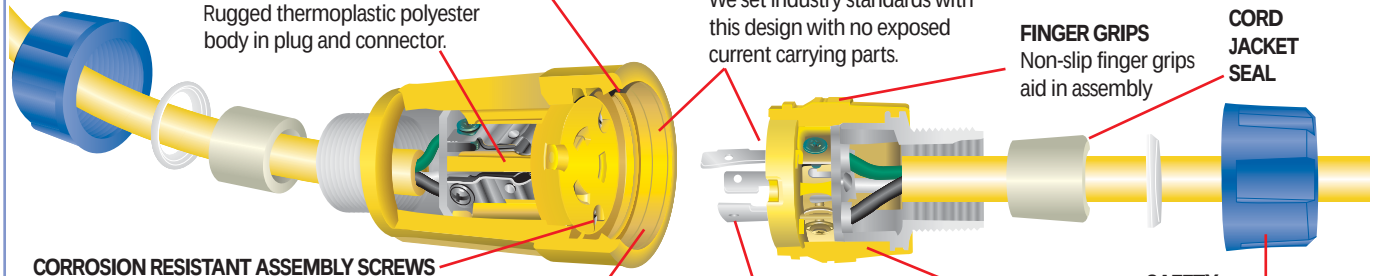
FEATURES:

- UL Listed, CSA Certified, ETL Listed
- Tongue & groove sealing system
- NEMA Type 4, 4X, 6 & 6P
- Devices resist high-pressure hose down of 1,500 psi.
- Plug & Connector bodies made with PBT chosen for its high resistance to moisture absorption, high voltage arcing and carbon tracking
- Keyed body and cover for easy alignment/assembly
- Color coded sealing bushings are provided to fit a variety of cord diameters
- Removable/replaceable self-retained sealing cap provided with connector to keep out contaminants when not in use
- Nickel plated blades for corrosion resistance
- Transparent back-plate makes for quick visual wiring checks
- Consult factory for availability in black

Typical Applications Include:

- Food processing
- Pulp and paper mills
- Refineries and Petroc Chem Facilities
- Shipyards
- Utilities
- Marine

PERMA-TITE® 2



UNIQUE WATER/DUST WIPER
Seals out moisture, mud and particles.

PBT BODY
Rugged thermoplastic polyester body in plug and connector.

ORIGINAL DEAD-FRONT BACK-WIRED CONSTRUCTION
We set industry standards with this design with no exposed current carrying parts.

FINGER GRIPS
Non-slip finger grips aid in assembly

CORD JACKET SEAL

CORROSION RESISTANT ASSEMBLY SCREWS
Stainless double lead assembly screws made for plastics exclusively to insure fast assembly and withstand high torque and pullout

EIGHT POINT SEALING
Unique rubber to rubber tongue and groove eight point seal-tite system when mated.

CORROSION RESISTANT NICKEL PLATED BLADES
Current carrying blades and contacts of high conductivity copper alloy with nickel plating for corrosion resistance.

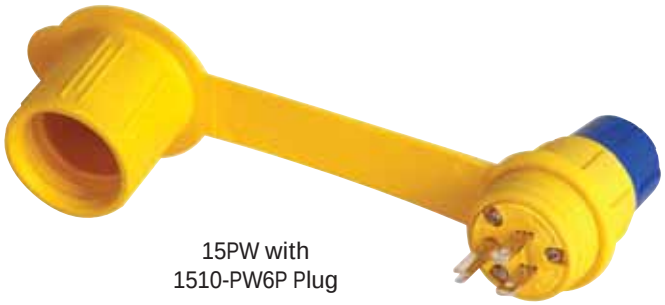
DOUBLE INSULATED
Superior PBT body with TPE thermoplastic elastomer cover for extra safety, protection and durability.

SAFETY COMPRESSION CORD GRIP
Non-conductive, long life rugged PBT, powerful cord grip, unique design accepts a variety of wire sizes with no crushing and no inserts to change or add.

Made in the USA

LISTED

PERMA-TITE® 2



15PW with
1510-PW6P Plug

FEATURES:

- Use with Ericson's Perma-Tite® plugs to seal out water, dust and other contaminants and to protect blades from damage when plug is not in-use
- Eight-point rubber tongue and groove sealing system provides environmental protection
- Additional protection provided by a unique internal water/dust wiper
- Easy to assemble

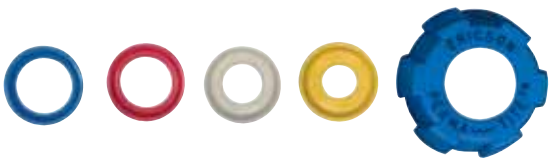
16CW - Fits 16XXCW6P Connectors

24CW - Fits 24XXCW6P Connectors
26CW - Fits 26XXCW6P Connectors

PERMA-TITE® 2 Plug Cover Selection Guide

Catalog Number	Description
15PW	Male closure cap, for use with 15A Straight Blade & Locking devices and 20A Straight Blade devices.
16CW	Female replacement cover for CW6P connectors
24CW	Female Large replacement cover for CW6P connectors
26CW	Female 30 Amp Large replacement cover for CW6P connectors

EXTRA GROMMETS Color coded rubber cord sealer grommets supplied for a variety of diameters.



Made in the USA

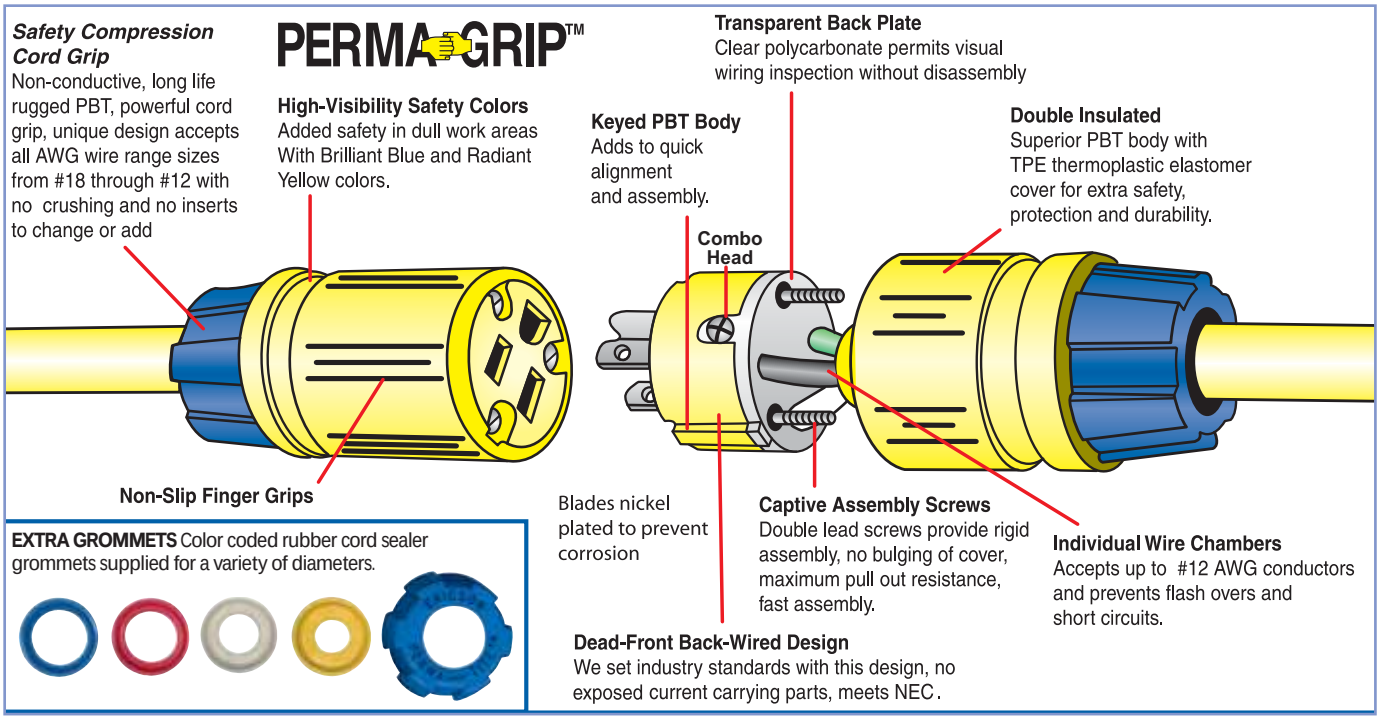
LISTED

PERMA-GRIP™

Complete Kit as Shown

FEATURES:

- UL Listed and CSA Certified
- Quick field assembly, no cable clamp screws to tighten, simply twist on the cord grip nut
- Water/mud/dust resistance provided by safety compression cord grips
- Keyed body and cover for easy alignment/assembly
- Color coded rubber cord-seal bushings accommodate a wide range of cable diameters
- Molded-in non-slip fingers grips makes devices easy to assemble and handle
- Withstand high impact, corrosion, oils, greases, solvents and other chemicals across -20 °C - +65 °C
- Nickel plated brass blades and ground pin stops corrosion and keeps solid electrical contact
- Individual wire pockets help prevent flashovers
- Selected models available with Smart Monitor technology
- Available individually or on factory assembled cord sets
- Reverse-cover design (straight blade devices) creates weather-resistant connections by interchanging covers
- Consult factory for availability in black



Made in the USA

LISTED

PERMA-LINK®

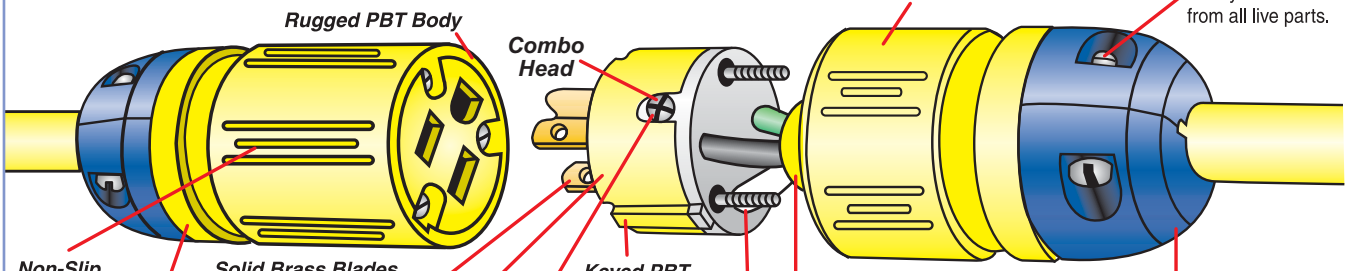
FEATURES:

- UL Listed and CSA Certified
- Two-screw cable clamp secures wire and provides strain-relief
- Solid brass blades for optimum electrical and mechanical performance
- Keyed body and cover for easy alignment/assembly
- Molded-in non-slip finger-grips makes devices easy to assemble and handle
- Withstand high impact, corrosion, oils, greases, solvents and other chemicals across -20 °C to 100 °C
- Individual wire pockets help prevent flashovers
- Transparent back plate speeds wiring inspection
- Selected models available with Smart Monitor technology
- Available individually or on factory assembled cord sets
- Flexibility of reverse-cover design creates weather resistant connections by interchanging covers
- Consult factory for availability in black

Transparent Back Plate
Superior themoplastic polyester body with TPE thermo-plastic elastomer cover for extra safety, protection and durability.

Double Insulated
Superior PBT body with TPE thermoplastic elastomer cover for extra safety, protection and durability.

Recessed Assembly Screws
Safety isolated from all live parts.



Non-Slip Finger Grips

Solid Brass Blades Provide maximum electrical conductivity and mechanical strength.

Keyed PBT Body Adds to quick alignment and assembly.

Individual Wiring Chambers Accept a variety of sizes & prevents flash overs & short circuits.

Safety Cord Clamp
Self-centering design. Non-conducting, long-life PBT provides powerful cord grip, unique design accepts a variety of wire sizes with no crushing and no inserts to change or add.

Internal Cord Seal
Built-in cord entrance seal in cover seals out moisture and most foreign material that can cause short circuit.

Dead-Front Back-Wired Design
We set industry standards with this design, no exposed current carrying parts, meets NEC.

Color-Coded Terminal Clamp Screws Positive back-wired terminal clamping screws color coded for easy identification, backed out and staked to provide fast labor saving installation.

Captive Assembly Screws Double lead screws provide rigid assembly, no bulging of cover, maximum pull out resistance, fast assembly.

LISTED

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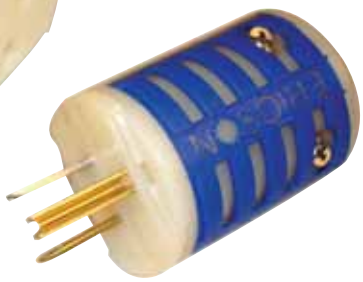
5269-EL



5266-EL

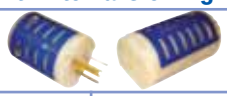
FEATURES:

- ETL & CETL certified to US & Canadian Standards
- 2 styles– with and without internal lamp module (see chart)
- Translucent body allows device to glow from power on lamp
- Tough, durable, rubber overmold grip surrounds device body
- Wide open "suitcase" style construction makes wiring easy
- Two captive screw body clamp design is easy to assemble
- Cord diameter matching inserts fit a wide range of cord sizes
- Solid brass blades for optimum electrical contact
- Fits 10/3 to 18/3 cord diameters
- Rugged design withstands abuse on the jobsite
- Clear internal conductor cover allows visual inspection
- Color coded termination screws for ground, hot and neutral
- Combo screw head

1 Piece Design - EZ To Wire

- Clear terminal cover (available on EL models only)
- Power on 360° glow module
- Built-in internal secondary cord clamps
- Color coded terminal screws
- Cord diameter inserts
- Inserts allow a wide range of cord sizes #16/3 to #10/3

Devices Selection Guide

Face View	NEMA Configuration	Electrical Ratings		With Internal Glow Light	
					
		Amps	Volts	Plugs	Connectors
Straight Blade, 2-pole, 3-wire Grounding Devices					
	5-15	15	125	5266-EL	5269-EL

Notes:
1. Cord diameters - .3 to .6 inch
2. Slot - Phillips

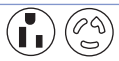
FEATURES:

- Heavy-duty housing
- Heavy gauge solid brass blades
- Compact size makes them easy to use and transport
- Available in four of the most popular models

NEMA Configuration Adapters

Now make quick, secure connections between straight-blade and locking plugs and connectors with Ericson's NEMA configuration adapters.

NEMA Configuration Adapters Selection Guide

Catalog Number	NEMA Configuration		Description
	Male	Female	
1705			Male 15A, 125V twist (L5-15P) to 20A, 125V straight (5-20R)
1712			Male 15A, 125V straight (5-15P) to 15A, 125V twist (L5-15R)
1740			Male 20A, 125V twist (L5-20P) to 20A, 125V straight (5-20R)
1744			Male 15A, 125V straight (5-15P) to 20A, 125V twist (L5-20R)
123-15P20C			Male 15A, 125V straight (5-15P) to 20A, 125V twist (L5-20R)

All Weather Heavy Duty Wet Location Double Outlet Receptacle with Cover Plates

WET LOCATION TESTED & APPROVED

FEATURES:

- UL Listed to American and Canadian Standards for wet or damp locations
- Impact, chemical and corrosion resistant
- Superior interior splash and hose down protection
- Exceptional all weather outdoor protection
- Simplified, flexible mounting alternatives
- Secure power access lockout / tagout capability
- Popular NEMA configuration alternatives
- Pre-wired for quick installation
- Rubberized box with stainless steel hardware
- Non-metallic cord grip
- Spring loaded flip covers

Ericson's PWDX Series of all weather, heavy duty double outlet receptacles are ideal for a wide range of demanding applications where splash and hose-down protection is required. A perfect fit for food and liquid processing facilities, the non-metallic enclosure and optional cord grip construction guards against metal and glass fragments that can pose health and safety risks, while the extra deep internally sealed spring-loaded flip covers provide protection when not in use.

The versatile PWDX Series receptacles, when mated with Ericson's Perma-Tite2 plugs, provide NEMA 4X levels of protection against dust, rain, hose/spray, chemical, and snow/ice. The 8-point seal-tite mating design seals around the plug to provide unmatched weather resistance.

Flexible mounting configurations, including pendant, rigid conduit, wall and "stringer" cordset, make this an ideal solution for a wide range of applications including:

- Food Processing
- Vehicle / Engine Heater
- Venue Landscape
- Beverage Processing
- Pulp / Paper Mills
- Outdoor Events
- Marina Ship-to-shore
- Utilities
- Automotive
- Petro-Chemical
- Refineries
- Harsh Environments

Made in the USA

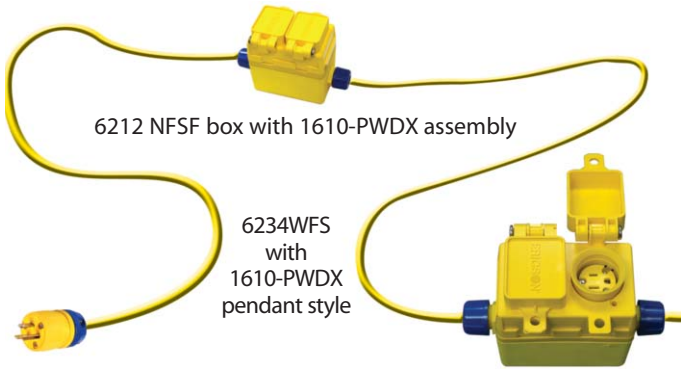
c UL us LISTED

WET LOCATION RATED

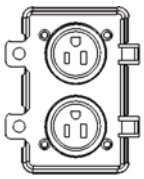
6212NFS Box with 1610-PWDX "pendant non-metallic" style

6234WFS with 1610-PWDX pendant style

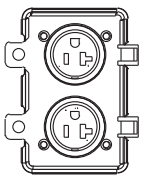
2-Sided 1610-PWDX on 6234WFT enclosure



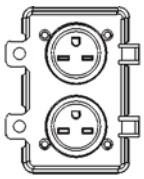
NOTICE:
*The NEC restricts the use of metallic "job" boxes for use in temporary relocateable power cords. Only use non-metallic enclosures designed and tested to meet compliance.



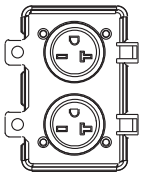
1610-PWDX



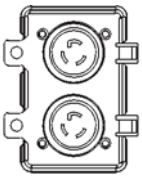
1612-PWDX



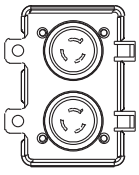
1614-PWDX



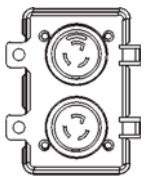
1616-PWDX



1620-PWDX



1622-PWDX



1624-PWDX

Part Number	Description	NEMA Config	Amps	Volts
PWDX Dual Receptacle & Cover Assembly/ Prewired				
Straight				
1610-PWDX	Receptacle & Flip Cover, Duplex, All Weather, 5-15, Weather Resistant	5-15	15	125
1612-PWDX	Receptacle & Flip Cover, Duplex, All Weather, 5-20, Weather Resistant	5-20	20	125
1614-PWDX	Receptacle & Flip Cover, Duplex, All Weather, 6-15, Weather Resistant	6-15	15	250
1616-PWDX	Receptacle & Flip Cover, Duplex, All Weather, 6-20, Weather Resistant	6-20	20	250
Locking				
1620-PWDX	Receptacle & Flip Cover, Duplex, All Weather, L5-15	L5-15	15	125
1622-PWDX	Receptacle & Flip Cover, Duplex, All Weather, L6-15	L6-15	15	250
1624-PWDX	Receptacle & Flip Cover, Duplex, All Weather, L7-15	L7-15	15	277

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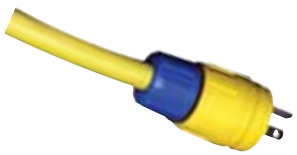
Made in the USA

Ericson Perma-Tite®2 Series Mating Plugs			
PWDX Part Number	Mating Plug Perma-Tite 2®	Perma-Tite 2® Series Plug	Plug Bushing Kit
1610-PWDX	1510-PW6P		
1612-PWDX	1512-PW6P		
1614-PWDX	1514-PW6P		
1616-PWDX	1516-PW6P		
1620-PWDX	1520-PW6P		
1622-PWDX	1522-PW6P		
1624-PWDX	1524-PW6P		

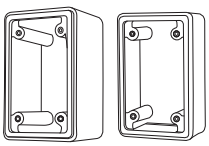
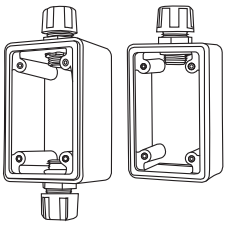
Rubberized FS & FD Boxes			
 6212FS	 6234FD	 6234FT	 6234WFS
 6212NFS	 6212NFD	 6212NFT	 6212WFD
 6234NFS	 6234NFD	 6234NFT	 6234WFT

Wall/Post Mount Kit 6260WK		(NM) Non Metallic Bushing Kits		Wire Mesh Grips	
Optional Wall Mount Kit		82034 - 3/4"	82010 - 1"		
				82005W = 1/2"	
				82034W = 3/4"	
				82010W = 1"	
				82005W-1	
				82034W-1	

Made in the USA

C UL US LISTED

WET LOCATION RATED

Boxes for PWDX - Punched - No Bushing Kit		
	Part Number	**Description**
	**6212FS**	Box, Std Depth, PWDX, No bushing, 1/2" NPT
	6234FS	Box, Std Depth, PWDX, No bushing, 3/4" NPT
	6210FS	Box, Std Depth, PWDX, No bushing, 1" NPT
	6212FD	Box, Deep, PWDX, No bushing, 1/2" NPT
	6234FD	Box, Deep, PWDX, No bushing, 3/4" NPT
	6210FD	Box, Deep, PWDX, No bushing, 1" NPT
	6212FT	Box, OPEN, PWDX, No bushing, 1/2" NPT
	6234FT	Box, OPEN, PWDX, No bushing, 3/4" NPT
	6210FT	Box, OPEN, PWDX, No bushing, 1" NPT
	6212FSF	Box, Std Depth, PWDX, No Bushing, Feed thru, 1/2" NPT
	6234FSF	Box, Std Depth, PWDX, No Bushing, Feed thru, 3/4" NPT
	6210FSF	Box, Std Depth, PWDX, No Bushing, Feed thru, 1" NPT
	6212FDF	Box, Deep, PWDX, No Bushing, Feed thru, 1/2" NPT
	6234FDF	Box, Deep, PWDX, No Bushing, Feed thru, 3/4" NPT
	6210FDF	Box, Deep, PWDX, No Bushing, Feed thru, 1" NPT
	6212FTF	Box, OPEN, PWDX, No Bushing, Feed thru, 1/2" NPT
	6234FTF	Box, OPEN, PWDX, No Bushing, Feed thru, 3/4" NPT
	6210FTF	Box, OPEN, PWDX, No Bushing, Feed thru, 1" NPT
	Boxes for PWDX - 1/2" NPT Bushing Installed (N = Non Metallic W = Wire Mesh)	
	**6212NFS**	Box, Std Depth, PWDX, NM Bushing, 1/2" NPT
	6212NFD	Box, Deep, PWDX, NM Bushing, 1/2" NPT
	6212NFT	Box, OPEN, PWDX, NM Bushing, 1/2" NPT
	6212NFSF	Box, Std Depth, PWDX, NM Bushing, Feed thru, 1/2" NPT
	6212NFDF	Box, Deep, PWDX, NM Bushing, Feed thru, 1/2" NPT
	6212NFTF	Box, OPEN, PWDX, NM Bushing, Feed thru, 1/2" NPT
	6212WFS	Box, Std Depth, PWDX, WireMesh Bushing, 1/2" NPT
	6212WFD	Box, Deep, PWDX, WireMesh Bushing, 1/2" NPT
	6212WFT	Box, OPEN, PWDX, WireMesh Bushing, 1/2" NPT
	6212WFSF	Box, Std Depth, PWDX, WireMesh Bushing, Feed thru, 1/2" NPT
	6212WFDF	Box, Deep, PWDX, WireMesh Bushing, Feed thru, 1/2" NPT
	6212WFTF	Box, OPEN, PWDX, WireMesh Bushing, Feed thru, 1/2" NPT
	Boxes for PWDX - 3/4" NPT Bushing Installed (N = Non Metallic W = Wire Mesh)	
	6234NFS	Box, Std Depth, PWDX, NM Bushing, 3/4" NPT
	6234NFD	Box, Deep, PWDX, NM Bushing, 3/4" NPT
	6234NFT	Box, OPEN, PWDX, NM Bushing, 3/4" NPT
	6234NFSF	Box, Std Depth, PWDX, NM Bushing, Feed thru, 3/4" NPT
	6234NFDF	Box, Deep, PWDX, NM Bushing, Feed thru, 3/4" NPT
	6234NFTF	Box, OPEN, PWDX, NM Bushing, Feed thru, 3/4" NPT
	6234WFS	Box, Std Depth, PWDX, WireMesh Bushing, 3/4" NPT
	6234WFD	Box, Deep, PWDX, WireMesh Bushing, 3/4" NPT
	6234WFT	Box, OPEN, PWDX, WireMesh Bushing, 3/4" NPT
	6234WFSF	Box, Std Depth, PWDX, WireMesh Bushing, Feed thru, 3/4" NPT
	6234WFDF	Box, Deep, PWDX, WireMesh Bushing, Feed thru, 3/4" NPT
	6234WFTF	Box, OPEN, PWDX, WireMesh Bushing, Feed thru, 3/4" NPT
	Boxes for PWDX - 1" NPT Bushing Installed (N = Non Metallic W = Wire Mesh)	
	6210NFS	Box, Std Depth, PWDX, NM Bushing, 1" NPT
	6210NFD	Box, Deep, PWDX, NM Bushing, 1" NPT
	6210NFT	Box, OPEN, PWDX, NM Bushing, 1" NPT
	6210NFSF	Box, Std Depth, PWDX, NM Bushing, Feed thru, 1" NPT
	6210NFDF	Box, Deep, PWDX, NM Bushing, Feed thru, 1" NPT
	6210NFTF	Box, OPEN, PWDX, NM Bushing, Feed thru, 1" NPT
	6210WFS	Box, Std Depth, PWDX, WireMesh Bushing, 1" NPT
	6210WFD	Box, Deep, PWDX, WireMesh Bushing, 1" NPT
	6210WFT	Box, OPEN, PWDX, WireMesh Bushing, 1" NPT
	6210WFSF	Box, Std Depth, PWDX, WireMesh Bushing, Feed thru, 1" NPT
	6210WFDF	Box, Deep, PWDX, WireMesh Bushing, Feed thru, 1" NPT
	6210WFTF	Box, OPEN, PWDX, WireMesh Bushing, Feed thru, 1" NPT

PERMA-TITE® 2

FEATURES:

- UL Listed, CSA Certified
- Weather resistant boot seals around Ericson Perma-Tite plug to provide weather resistant protection
- Spring-loaded flip-lid covers receptacle when not in use
- Includes cover plate, rubber boot, stainless steel mounting plate/mounting screws
- Impact, chemical & corrosion resistant construction stands up to demanding environments
- Mounts easily to any FS and FD boxes and any flat surface

The 2705 FS series of male inlets is designed for all weather power inlet on a variety of applications. The heavy duty flip cover assembly and superior round sealing collar provides a superior seal against the elements. Use for inlet power only. Never use these devices for power output or receptacle. These devices must be wired dead and cannot be accidentally energized without a connector in place.

Typical Applications Include Power Inlets For:

- Powered food trolley carts
- Fire and ambulance device charging
- Electric service vehicle charging
- Electric battery charging for cars or golf carts
- Harsh environments service power
- Portable temporary power panels

2705-15	2705-15A	2705-L142	2705-L15	2705-L20
				

Note: Also available in all black or customized - call Ericson for details

Made in the USA

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WET LOCATION RATED

PERMA-TITE®2 Single Outlet Cover Plates - FS Series

Face View	NEMA Configuration	Electrical Ratings		FS Female Receptacle	2705 Male Inlet Std Opening	2705 Male Inlet Large Opening
		Amps	Volts			
15A Straight Blade & Locking 20A Straight Blade						
Flip Seal Cover w/ weatherproof boot only				2700-FS (1)	1 7/16" Dia.	2" Dia.
	Non-NEMA	10/15 Amp	125/250 Volt	2715-FS07 (3)		
	5-15	15 Amp	125 Volt	2715-FS10	2705-15	2705-15A
	5-20	20 Amp	125 Volt	2715-FS12	2705-20	2705-20A
	6-15	15 Amp	250 Volt	2715-FS14		
	6-20	20 Amp	250 Volt	2715-FS16		
	L5-15	15 Amp	125 Volt	2715-FS20	2705-L15	2705-L15A
	L6-15	15 Amp	250 Volt	2715-FS22		
	L7-15	15 Amp	277 Volt	2715-FS24		
20A & 30A Locking, 3-Wire						
Flip Seal Cover w/ weatherproof boot only				2800-FS (1)	2 1/8" Dia.	
	L5-20	20 Amp	125 Volt	2820-FS10	2705-L20	
	L6-20	20 Amp	250 Volt	2820-FS12		
	L7-20	20 Amp	277 Volt	2820-FS14		
	Non-NEMA	20 Amp	125/250 Volt	2820-FS16		
	Non-NEMA	20 Amp/10 Amp	250 Volt/600 Volt	2820-FS17		
	L5-30	30 Amp	125 Volt	2830-FS10(2)		
	L6-30	30 Amp	250 Volt	2830-FS12(2)		
	L7-30	30 Amp	277 Volt	2830-FS14(2)		
	Non-NEMA	30 Amp	125/250 Volt	2830-FS16		
20A & 30A Locking, 4-Wire						
Flip Seal Cover w/ weatherproof boot only				2900-FS (1)	2 1/8" Dia.	
	L14-20	20 Amp	125/250 Volt	2920-FS20	2705-L142	
	L15-20	20 Amp	250 Volt, 3 ø	2920-FS22		
	L16-20	20 Amp	480 Volt, 3 ø	2920-FS24	2705-L162	
	L14-30	30 Amp	125/250 Volt	2930-FS20		
	L15-30	30 Amp	250 Volt, 3 ø	2930-FS22		
	L16-30	30 Amp	480 Volt, 3 ø	2930-FS24		
	L17-30	30 Amp	600 Volt, 3 ø	2930-FS26		
	L18-30	30 Amp	120/208 Volt, 3 ø wye	2930-FS30		
	Non-NEMA	30 Amp	120/208 Volt, 3 ø wye	2930-FS28		

Notes: 1. Does not include receptacle. Use with standard receptacles of same electrical ratings.
2. More than one face size available on the market. Check for 2.53" face diameter.
3. 2715 - FS07 not listed.

WET LOCATION RATED

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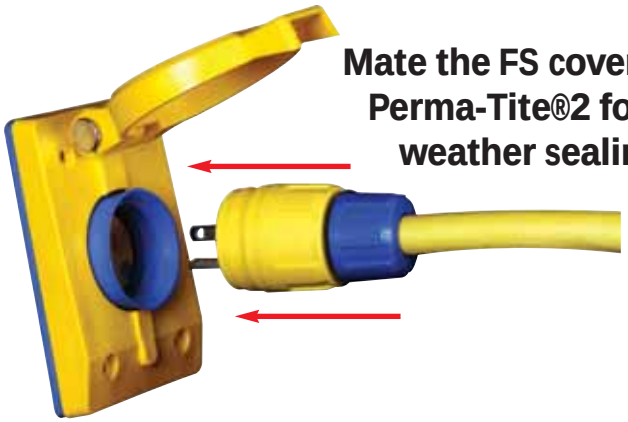
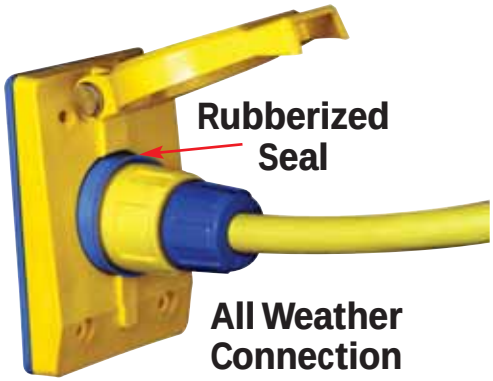
Made in the USA





Material

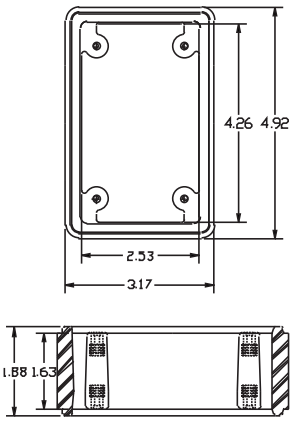
- Flip & base - PBT
- Gasket - TPE

Part Number	A	B	X	Z	Amp
2700 Series	1.42	1.25	.19	1.33	15A-20A
2800 Series	1.94	1.80	.19	1.81	20A-30A (3-wire)
2900 Series	2.14	1.92	.19	1.98	20A - 30A (4-wire)

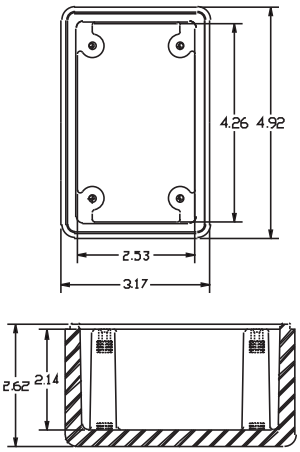
6200 Series Boxes for FS Series Mounting

Part Number	Description
6212FSK	Box, Std Depth, No bushing, 1/2" NPT
6234FSK	Box, Std Depth, No bushing, 3/4" NPT
6210FSK	Box, Std Depth, No bushing, 1" NPT
6212FDK	Box, Deep, No bushing, 1/2" NPT
6234FDK	Box, Deep, No bushing, 3/4" NPT
6210FDK	Box, Deep, No bushing, 1" NPT
Boxes for 2705 - 1/2" NPT Bushing Installed (N=Non Metallic W = Wire Mesh)	
6212NFSK	Box, Std Depth, NM Bushing, 1/2" NPT
6212NFDK	Box, Deep, NM Bushing, 1/2" NPT
6212WFSK	Box, Std Depth, WireMesh Bushing, 1/2" NPT
6212WFDK	Box, Deep, WireMesh Bushing, 1/2" NPT
6234NFSK	Box, Std Depth, NM Bushing, 3/4" NPT
6234NFDK	Box, Deep, NM Bushing, 3/4" NPT
6234WFSK	Box, Std Depth, WireMesh Bushing, 3/4" NPT
6234WFDK	Box, Deep, WireMesh Bushing, 3/4" NPT
6210NFSK	Box, Std Depth, NM Bushing, 1" NPT
6210NFDK	Box, Deep, NM Bushing, 1" NPT
6210NFTK	Box, OPEN, NM Bushing, 1" NPT
6210WFSK	Box, Std Depth, WireMesh Bushing, 1" NPT
6210WFDK	Box, Deep, WireMesh Bushing, 1" NPT
6210WFTK	Box, OPEN, WireMesh Bushing, 1" NPT

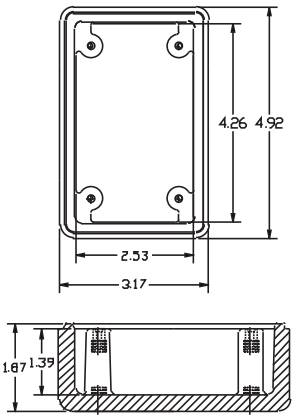
FT Feed Thru Box



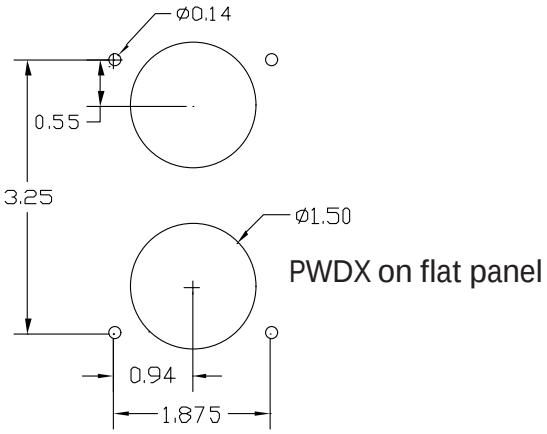
FD Deep Box



FS Standard Box

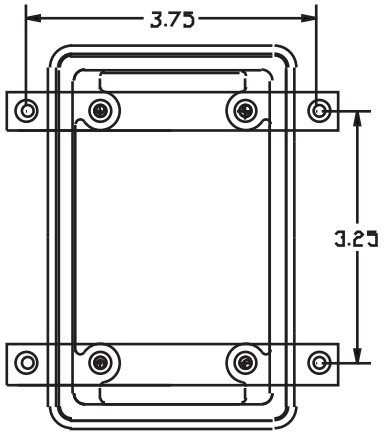


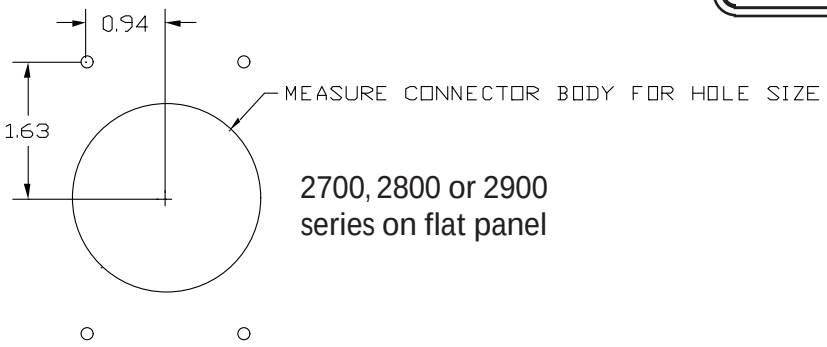
Mounting Templates



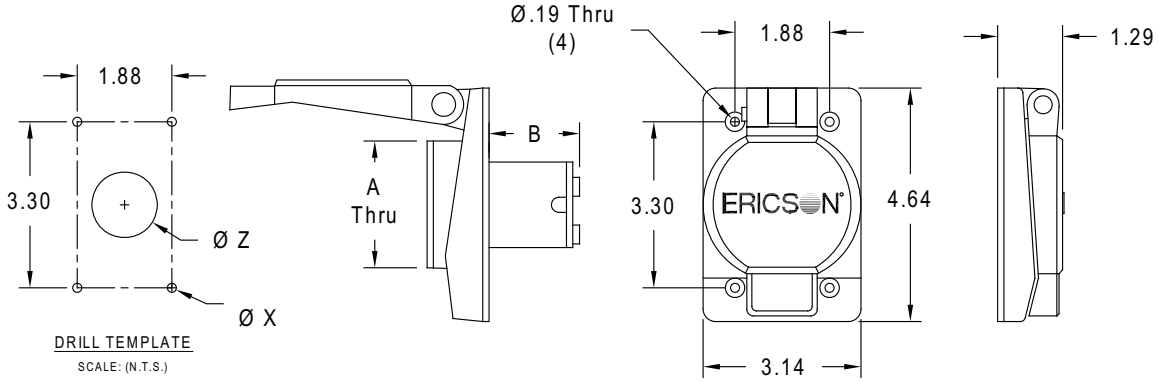
PWDX on flat panel

6260 WK Wall Kit





2700, 2800 or 2900 series on flat panel



Hospital Grade Devices - Light Industrial

FEATURES:

- UL listed, hospital grade
- Built to withstand exceptional abuse
- Constructed of rugged (PBT) and (TPE)
- Non-conductive cord clamp accommodates cord sizes #16/3 SJ through #12/3 SO (1530-PH & 1630-CH)
- Gray rubber cover provides superior insulation
- Clear cover permits visual inspection of wiring terminations without disassembly
- Impact resistant and non-conductive

Hospital Grade Perma-Link® Plugs and Connectors

The same rugged internal construction as our standard Perma-Link line is found in these units, and in addition they meet UL Hospital Grade standards. Designed for reliable long life, built to withstand exceptional abuse, these dead-front, back-wired devices save installation time, provide maximum protection and can be used for straight blade installations in hospitals, schools, and extended care facilities. Constructed of rugged (PBT) and (TPE), they have passed tests for ground pin retention, ground resistance, face impact, ground temperature contact, fault current, line blade retention and abrupt removal.

Hospital Grade Devices with Gray Covers

Face View	NEMA Configuration	Electrical Ratings		Perma-Link	
		Amps	Volts	Plugs	Connectors
	5-15	15	125	**1530-PH**	**1630-CH**
	5-20	20	125	**1532-PH**	**1632-CH**

Hospital Grade Devices with Clear Covers
Straight Blade, 2-pole, 3-wire Grounding

Face View	NEMA Configuration	Electrical Ratings		Perma-Link	
		Amps	Volts	Plugs	Connectors
	5-15	15	125	**1530-PHC**	**1630-CHC**
	5-20	20	125	**1532-PHC**	**1632-CHC**

EML520R & EML630R

Ericson offers our same heavy duty receptacles that we use in our own Temporary Power Panels. These wiring devices are primarily used in our OSCAR series and can be used as replacement parts for those products. Features such as color coded screw terminals with combo heads for ease of wiring makes these superior devices the best choice.

L6-30

EML630R

L5-20

EML520R

Made in the USA

UL LISTED

PERMA-LINK®


3763-P


3762-C


3777


3771


CS6375-F

FEATURES:

- UL Listed, CSA Certified, cETLus Listed
- Rugged nylon construction resists impact, corrosion and jobsite oils/chemicals
- Quick field assembly, no need to disassemble the entire device
- Nickel plated blades and stainless steel screws provide optimum corrosion resistance
- Optional heavy-duty weather-proof boots are available and provide added environmental protection and UV resistance
- Boots can be threaded together with the optional sealing collar system to provide maximum environmental protection
- Available in plugs, connectors, inlets and receptacles

Face View	NEMA Configuration	Electrical Ratings Amps	Electrical Ratings Volts	Perma-Link® Plugs	Perma-Link® Connectors	Receptacles	Flanged Inlets	Inlet with Flip Cover
Locking, 2-pole, 3-wire Grounding								
	Non-NEMA	50	250VDC, 600VAC	3763-P	3762-C	3771	3777	
Locking, 3-pole, 4-wire Grounding								
	Non-NEMA	50	250VDC, 600VAC	3765-P	3764-C	3769	3775	
			250VDC, 600VAC	7765-P(1)	7764-C(1)	7379	7958	
Locking, California Style, 2-pole, 3-wire Grounding								
	Non-NEMA	50	125	CS6361-P	CS6360-C	-	-	
			250	CS8265-P	CS8264-C	CS8269	CS8275	
			480	CS8465-P	-	CS8469	-	
Locking, California Style, 3-pole, 4-wire Grounding								
	Non-NEMA	50	125/250	CS6365-P	CS6364-C	CS6369	CS6375	CS6375-F
			480, 3ø	CS8165-P	CS8164-C	CS8169	CS8175	

Notes:
1. For replacement use only, not recommended for new installations
2. Contact factory for custom assemblies

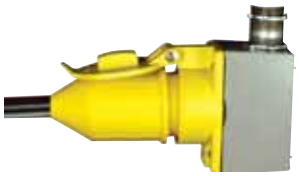
Sealing Collar System

Our exclusive sealing collar system is available to provide maximum moisture protection between cordsets. The two boots are securely sealed together with threaded polycarbonate rings.

Perma-Link® 50-Amp Accessories	Cat. Number
Weatherproof boot for plug or connector	7717
Sealing Collar for weatherproof boots	510-RR
Weatherproof receptacle cover	7788-CR

Note: 7717 & 510-RR not compatible with 6365P & 6364C


7788-CR



7717 Provides A Superior Seal With Our SR-50 Receptacle


7717 510-RR 7717

Made in the USA

Application: Ericson Temporary Power System (1066FS, Big-E Jr., e-Cart™ 2, e-Cart™ Jr.) utilize Ericson's 50 Amp power cable.

24/7 Emergency Assistance Hotline
1-877-OSCAR99 (672-2799)

Camlock Power Cable

Multiple Conductor (SC) cordsets for Interconnection with Big-E and Big-E Jr. series temporary panels. Cord is 105°C SC Welding type black. Male and Female connection ends are standard 400A style Camlocks which are color coded for easy plug-n-play hook up.

Factory Assembled Cordsets

Factory assembled to meet the most demanding industrial and construction applications. Available with Ericson's Perma-Link®, Perma-Grip™ or Perma-Tite™ plugs and connectors Manufactured using heavy-duty SOW cord for maximum durability and longevity.

50 Amp Power Cable

Ericson's complete line of 50 Amp cordsets for use with Oscar Temporary Power Distribution Centers are the best built in the industry. Assembled in the USA with high standards to produce the best cordsets available. Call for custom lengths. Minimum order size required.

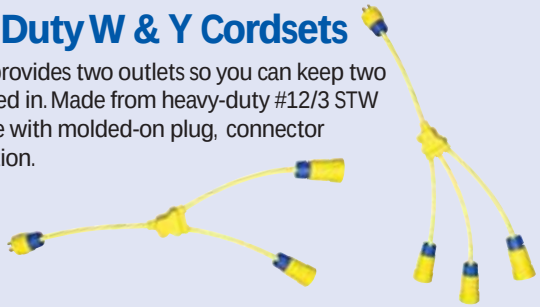
Emergency Generator GFCI

Rubberized Box eliminates "hot" un-grounded dangerous metal quad boxes.

- Heavy Duty SJ & SO cord for long service life
- GFCI Protection - GFCI 5-20 Duplexes protecting 5-20 duplex receptacles

Heavy Duty W & Y Cordsets

Y-Adapter provides two outlets so you can keep two tools plugged in. Made from heavy-duty #12/3 STW yellow cable with molded-on plug, connector & Y/W-junction.



Cordsets

Ericson offers a complete line of high quality jobsite style cordsets for a range of applications. From light tool and generator connection to heavy duty cordsets, the Ericson line of safety cordsets is the right answer to your power cord needs.

Bonus: Custom factory cord jacket printing available

Smart Monitor Cordsets

Industrial application Smart Cords factory built to last. Models with Smarter Connector and both S,art Plug & Connector are available. 24/7 monitoring with assured grounding compliance to NED and OSHA standards. Built with the highest quality materials to withstand challenging environments.

6100 Series Factory Wired Portable Outlet Boxes

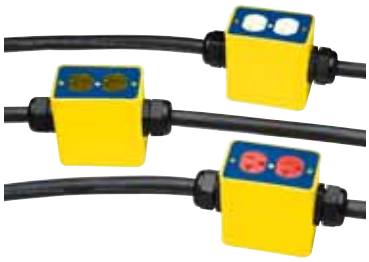
These factory assembled outlet boxes save assembly time in the field and assembly cost, plus they give the assurance of proper component matching of cord, box and plug.

6000, 7000 & 8000 Boxes

Rugged and durable, these outlet boxes are engineered to provide protection against electric shock while using portable power cords.

Factory Wired 3-Phase Stringers

Non-metallic, non-conductive, 128/208V, code compliant outlet boxes. Available in a wide range of cover plates. Custom printing option.



TuffTraxx™ Cable Protectors

Protect expensive cables from foot-traffic and equipment damage while eliminating tripping hazards caused by cables with Ericson's CP5 Series GP Cable Protectors. Made from rugged, all-weather polyurethane construction known for its resilience, hardness and impact resistance for demanding environments.

SC | Size | Devices | Length – Color

SC

2 = #2 AWG SC (140 Amps Max)

20 = #2/0 AWG SC (225 Amps Max)

40 = #4/0 AWG SC (400 Amps Max)

3 = 3 ft. OAL
10 = 10 ft. OAL
25 = 25 ft. OAL
50 = 50 ft. OAL
100 = 100 ft. OAL

CAMLOCKS

BK = Black
R = Red
BL = Blue
W = White
G = Green

Camlock Devices

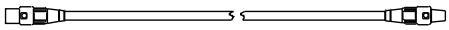
F = Female End Installed Only - Blunt Other End

MF = Female & Male Ends Installed

Example:

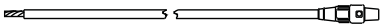
SC2MF3-R

Single Conductor Camlock Ends



SC2MF3-_

Single Conductor Blunt

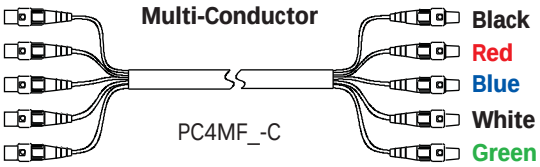


SC2F3-_

Camlock

Black = Hot A Ø
Red = Hot B Ø
Blue = Hot C Ø
White = Neutral
Green = Ground

Multi-Conductor



PC4MF_-C

Multiple Conductor Cable Assemblies						
Catalog No.	**Plug (male)**	**Connector (female)**	**OAL ft**	**Cord**	**Amps**	**Camlock Color Code**
PC4MF25-C	Camlock	Camlock	25	#4 W 600V	90	All - Black, Red, Blue, White, Green
PC4MF50-C			50	#4 W 600V		
PC4MF100-C			100	#4 W 600V		
PC2MF25-C			25	#2 W 600V	120	
PC2MF50-C			50	#2 W 600V		
PC2MF100-C			100	#2 W 600V		

Assembled in the USA

50 Amp Cordsets

Ericson's complete line of 50 Amp cordsets for use with Oscar Temporary Power Distribution Centers are the best built in the industry. Assembled in the USA with high standards to produce the best cordsets available. Call for custom lengths. Minimum order size required.

- For use with Oscar Series 1066 and 1067
- Can connect e-Cart Jr and e-Cart2 Series to Oscars
- Blunt pigtail versions make hard wiring into a panel easy and quick (PGTL)
- Available in SOW cord types
- 50 Amp "Y" available


63YSTW


SR50


63DSO


63PGTLSO-50

Cat. Number	Rating	Length (ft)	Cord Size	Cord Type	Plug	Connector
63BSO	50 A	50	#6/3 & #8/1 (Gnd)	SOW	Twistlock 50 Amp CS6365-P or equiv	Twistlock 50 Amp CS6364-C or equiv
63DSO		100			Twistlock 50 Amp CS6365-P or equiv	
63PGTLSO-50		50			Blunt - 12" ROJ - 1" Tin	
63PGTLSO-100		100			Blunt - 12" ROJ - 1" Tin	
63YSTW		3 ft "Y"		STW	(1) Twistlock 50 Amp CS6365-P or equiv	(2 each) Twistlock 50 Amp CS6364-C or equiv

60 & 100 Amp Cordsets

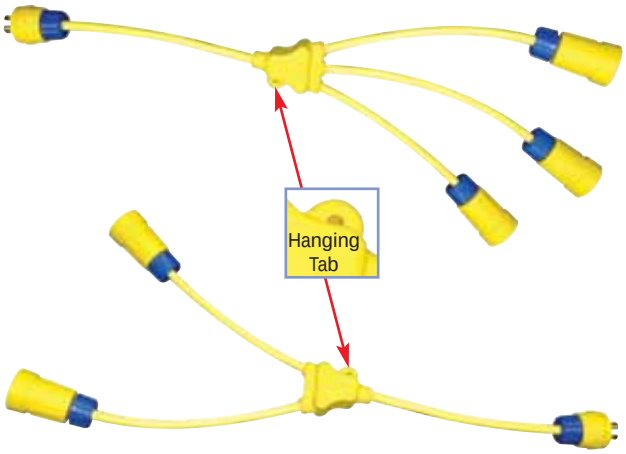
Ericson manufactured cordsets are built to the highest quality standards for durability and long service. Our cordsets use the best plugs and connectors possible and are constructed to meet the high demands of industrial and military environments.

- Extra Hard Usage SOW cord
- Highest quality Internationally rated IEC plugs and Connectors
- Military cordsets use exact match Military plug-n-play Class L wiring devices
- Pigtail cordsets allow for hard wiring into panels with tinned ends
- For use with Oscar® 1068, Oscar® 2 and Tactical Oscar® Military Style distribution centers

65DSOM
Class L Mil Type

	Cat. Number IEC Style Cordsets*	Rating	Length (ft)	Cord Size	Cord Type	Plug	Connector
	65BSO	60 A	50	#6/5	SOW	4P 5W 60 Amp IEC 560P9E or equiv	4P 5W 60 Amp IEC 560C9E or equiv
	65DSO		100			4P 5W 60 Amp IEC 560P9E or equiv	
	65PGTL-50		50			Blunt - ROJ 12"	
	65PGTL-100		100			Blunt - ROJ 12"	
	45BSO	90 A	50	#4/5	W	4P 5W 100 Amp IEC 5100P9E or equiv	4P 5W 100 Amp IEC 5100C9E or equiv
	45DSO		100			4P 5W 100 Amp IEC 5100P9E or equiv	
	45PGTL-25		25			Blunt - ROJ 12"	
	45PGTL-50		50			Blunt - ROJ 12"	
	45PGTL-100		100			Blunt - ROJ 12"	
Military Style Cordsets							
	65BSOM	60 A	50	#6/5	SOW	4P 5W 60 Amp Military Class L or equiv	4P 5W 60 Amp Military Class L or equiv
	65DSOM		100			4P 5W 60 Amp Military Class L or equiv	
	65MIL PIGTAIL		6			Blunt - ROJ 12" - Tinned 1" each	
	65MIL PGTL-50		50			Blunt - ROJ 12" - Tinned 1" each	
	65MIL PGTL-100		100			Blunt - ROJ 12" - Tinned 1" each	
	45BSOM	100 A	50	#2/4 with Ground	W	4P 5W 100 Amp Military Class L or equiv	4P 5W 100 Amp Military Class L or equiv
	45DSOM		100			4P 5W 100 Amp Military Class L or equiv	
	45BSOMPGTL		10			Blunt - ROJ 12" - Tinned 1" each	
	45MIL PGTL-50		50			Blunt - ROJ 12" - Tinned 1" each	
	45MIL PGTL-100		100			Blunt - ROJ 12" - Tinned 1" each	

*Note: #2/5 cordsets available - call for details.



Heavy Duty Grade W & Y Cordsets

- cCSAus Listed
- Provides multiple outlets from a single power source
- Available in "Y" and "W" configurations
- Manufactured using heavy-duty 600V cord
- Standard models available with 18" primary and secondary
- Available with Ericson's Perma-Link or Perma-Tite plugs and connectors
- Custom configurations available with your choice of primary length, secondary length and plug/connectors
- Easy to hang - hanging loop tab

Made in the USA

2634 - A1 Z10

Base Model

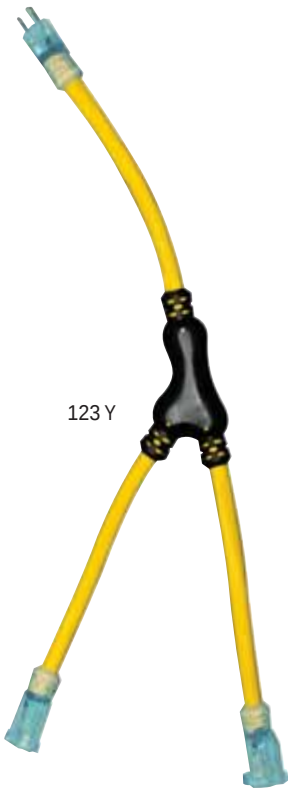
2634 = Y
2636 = W

Plug/Conn	Amp	Volts	AWG Cord Size	
			1	2
A = 1510P & 1610-C	15	120	14/3	12/3
B = 1510-PW6P & 1610-CW6P	15	120	14/3	12/3
C = 1520-P & 1620-C	15	120	14/3	12/3
D = 1520-PW6P & 1620-CW6P	15	120	14/3	12/3
E = 2310-P & 2410-C	20	120	12/3	10/3
F = 2310-CW6P & 2410-CW6P	20	120	12/3	10/3
G = 2510-P & 2610-C	30	120	10/3	
H = 2510-PW6P & 2610-CW6P	30	120	10/3	
I = 2320-P & 2420-C	20	120/240	12/4	
J = 2320-PW6P & 2420-CW6P	20	120/240	12/4	
M = L21-20P & L21-20C	20	208	12/5	

Length

Blank = std 3' OAL
Zxx = any length up to 100' OAL

SOW, SOOW, SEOW 600V Rated only.



Contractor Grade
Y Adapter Features 600V STW Cable

Made from heavy-duty #12/3 STW yellow cable with molded-on plug, connector & Y-junction.

- 2'
- Made from heavy-duty #2 STW yellow cable
- NEMA 5-15 L5-20

50 Amp "Y"
(On Page ??

Y Adapter Selection Guide

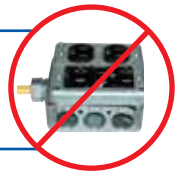
Catalog Number	Electrical Ratings						
	Length	Gauge	Type	Amps	Volts	Plug/Connector	Face View
123Y	2'	#12/3	STW	15A	120V	NEMA 5-15 Straight Blade	
123YL				20A		NEMA L5-20	

Emergency Generator GFCI Cordsets

FEATURES:

- 120 & 240V, 3 & 4 Wire 20 & 30 AMP (L5-20, L5-30, L14-20 & L14-30 Plugs)
- Rubberized Box eliminates "hot" un-grounded dangerous metal quad boxes
- Heavy Duty Perma-Link™ Plug with rubberized body
- Heavy Duty SJ & SO cord for long service life
- GFCI Protection
- Heavy Duty cord strain relief at box stands up to rough duty
- 2, 25, 50 and 100 ft cord lengths keeps generator away from family and work area

NOTICE:
The NEC restricts the use of metal job boxes as temporary power cords



Catalog Number	Rating	Plug	Cord Type	Box Config	Length
3 Wire Systems					
8V2123SJB6G2	120V 20 AMP	L5-20	#12/3 SJT Black	6000 Box w/ (1) GFCI 5-20 Duplex & (1) Protected 5-20 Duplex	2
8V2123SJB6GA					25
8V2123SJB6GB					50
8V3103SE6G2	120V 30 AMP	L5-30	#10/3 SEO Yellow	6000 Box w/ (1) GFCI 5-20 Duplex & (1) Protected 5-20 Duplex	2
8V3103SE6GA					25
8V3103SE6GB					50
8V3103SE6GD					100
4 Wire Systems					
8Z2124SE8G2	240V 20 AMP	L14-20	#12/4 SEO Black	8000 Box w/ (2) GFCI 5-20 Duplex & (2) Protected 5-20 Duplex	2
8Z2124SE8GA					25
8Z2124SE8GB					50
8Z3104SO8G2	240V 30 AMP	L14-30	#10/4 SO Yellow	8000 Box w/ (2) GFCI 5-20 Duplex & (2) Protected 5-20 Duplex	2
8Z3104SO8GA					25
8Z3104SO8GB					50
8Z3104SO8GD					100

Other configurations available - call factory for details.

Made in the USA

Made in the USA

FEATURES:

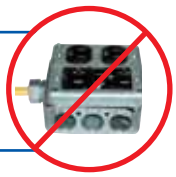
- Available in a variety of amperages and voltages
- Standard NEMA configurations ensure compatibility with existing equipment
- Molded of rugged thermoplastic elastomer (TPE) to provide maximum resistance to oils, chemicals and impact
- Non-conductive housing eliminates possibility of box becoming energized
- Cover plate and non-conductive cord clamp molded from impact and chemical resistant polybutylene terepthalate (PBT)

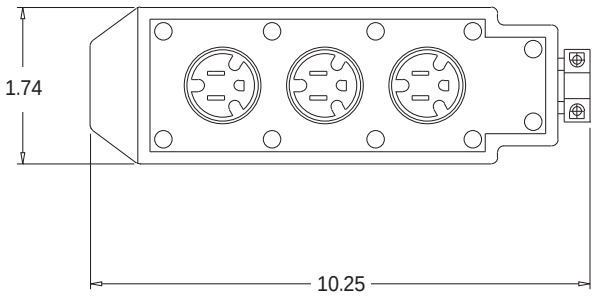
7000 Series Tri-Tap Multiple Outlet Boxes

Amperage	Voltage	NEMA Configuration	Box Only	Factory Wired Boxes #12/3 SOW	
				25'	50'
15	125	5-15	7000	7000-25-2	7000-50-2
20	125	5-20	7002	7002-25-2	7002-50-2
15	250	6-15	7004	7004-25-2	7004-50-2
15	125	L5-15	7008	7008-25-2	7008-50-2
20	250	L6-15	7010	7010-25-2	7010-50-2
20	125	L5-20	7020	7020-25-2	7020-50-2
20	250	L6-20	7022	7022-25-2	7022-50-2
20	277	L7-20	7024	7024-25-2	7024-50-2

Notes:
1. Consult factory for custom assemblies

NOTICE:
The NEC restricts the use of metal job boxes as temporary power cords





7000 Series Tri-Tap Outlet Boxes with GFCI Protection

- The features of the 7000 series boxes plus GFCI protection for that added degree of safety

7000 Series Tri-Tap Outlet Boxes with GFCI Protection

Amperage	Voltage	NEMA Configuration	GFCI	Factory Wired Boxes #12/3 SJTW	
				25'	50'
15	125	5-15	In-line	7002-25-2GF	7002-50-2GF
20		5-20			
20		L5-20		7020-25-2GF	7020-50-2GF

Notes:
1. Consult factory for custom assemblies

Made in the USA

123D

123D-TT

FEATURES:

- Straight Blade and Twistlock Versions Available
- Heavy Duty SJ Cord for Long Service Life
- Thick Outer Jacket Material from SJTW Cordage Resists Jobsite Abrasion and Is Water Resistant
- Custom Factory Cord Jacket Printing Available on Most Models
- L5-20 also available
- All connectors have power indicator lights

Selection Guide

Face View	Single Molded Ends	Length (ft)	Cord Size	Type	Plug	Connector	Amps	Wattage	Volts
	123B	50	#12/3	SJTW	5-15P	5-15C	15	1875	125
	123D	100	#12/3	SJTW	5-15P	5-15C	15	1875	125

Molded Tri-Tap	Length (ft)	Cord Size	Type	Plug	Connector	Amps	Wattage	Volts
123B-TT	50	#12/3	SJTW	5-15P	5-15C	15	1875	125
123D-TT	100	#12/3	SJTW	5-15P	5-15C	15	1875	125

Custom Cord Printing:

- Custom cord printing for most cordsets and stringers
- Helps prevent theft
- Identifies temporary power investment
- Consult factory for custom lengths and configurations

SmartMonitor Factory Assembled Cord Sets

- Factory assembled to meet the most demanding industrial and construction applications
- Available with Ericson's Perma-Link®, Perma-Grip™ or Perma-Tite™ plugs and connectors
- Manufactured using heavy-duty SOW cord for maximum durability and longevity

1510 **P** **143** **A** *****

Plug/Connector
NEMA Designator[1]
(select part code)

Face View	NEMA Configuration	Electrical Ratings Amps	Electrical Ratings Volts	Plugs/Connectors Code
	5-15	15	125	1510
	5-20	20	125	1512
	L5-20	20	125	2310

Cord Size[1]
103 = 10/3 SOW
104 = 10/4 SOW
123 = 12/3 SOW
124 = 12/4 SOW
143 = 14/3 SOW
163 = 16/3 SOW

Length
A = 25 ft. OAL
B = 50 ft. OAL
D = 100 ft. OAL
Z = Custom[1]
OAL = Overall length

(Use for numerical length only when Z code is used)

Overall Environmental Grade
(based on plug/connector style)
PML = Industrial Light
PGML = Industrial Medium
PW6PL = Extreme Industrial Water Tight Ends

(P) Perma-Link™ Cord Clamp Style Features:
- Internal cord seal
- Dual screw self-centering clamp

(PG) Perma-Grip™ Cord Grip Nut Style Features:
- Nickel plated solid brass blades
- Super sealing cord grip nut design

(PW6P) Perma-Tite2™ All Weather Cord Grip Nut Style features:
- All weather - NEMA 6P rated
- Super sealing rings
- Connector includes cover

[1] **Note:** Some of the plug/connector amp ratings to cord size configurations are not recommended due to basic electrical safety rules. Customers are responsible for checking local codes and proper usage of any factory built cordset.

Made in the USA

Industrial

Extreme Industrial

Factory Assembled Cord Sets

- Factory assembled to meet the most demanding industrial and construction applications
- Available with Ericson's Perma-Link®, Perma-Grip™ or Perma-Tite™ plugs and connectors
- Manufactured using heavy-duty SOW cord for maximum durability and longevity

1510 **P** **143** **A** *****

Plug/Connector
NEMA Designator[1]
(select part code)

Cord Size[1]
103 = 10/3 SOW
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Length
A = 25 ft. OAL
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(Use for numerical length only when Z code is used)

Overall Environmental Grade
(based on plug/connector style)

P = Industrial Light
PG = Industrial Medium
PW6P = Extreme Industrial Water Tight Ends

Face View	NEMA Configuration	Electrical Ratings Amps	Electrical Ratings Volts	Plugs/Connectors Code
	5-15	15	125	1510
	5-20	20	125	1512
	6-15	15	250	1514
	6-20	20	250	1516
	L5-15	15	125	1520
	L6-15	15	250	1522
	L7-15	15	277	1524
	L5-20	20	125	2310
	L6-20	20	250	2312
	L7-20	20	277	2314
	Non-NEMA	20	125/250	2316
	Non-NEMA	20 10	205 600	2317
	Non-NEMA	15A 10A	125V 250V	1507
	L14-20	20	125/250	2320
	L15-20	20	250, 3Ø	2322
	L16-20	20	480, 3Ø	2324
	L5-30	30	125	2510
	L6-30	30	250	2512
	L7-30	30	277	2514
	Non-NEMA	30	125/250	2516
	L14-30	30	125/250, 3Ø	2520
	L15-30	30	250, 3Ø	2522
	L16-30	30	480, 3Ø	2524
	L17-30	30	600, 3Ø	2526
	L18-30	30	120/208 3Ø wye	2530
	Non-NEMA	30	120/208 3Ø wye	2528

(P) Perma-Link™ Cord Clamp Style Features:
- Internal cord seal
- Dual screw self-centering clamp

(PG) Perma-Grip™ Cord Grip Nut Style Features:
- Nickel plated solid brass blades
- Super sealing cord grip nut design

(PW6P) Perma-Tite2™ All Weather Cord Grip Nut Style features:
- All weather - NEMA 6P rated
- Super sealing rings
- Connector includes cover

[1] **Note:** Some of the plug/connector amp ratings to cord size configurations are not recommended due to basic electrical safety rules. Customers are responsible for checking local codes and proper usage of any factory built cordset.

Made in the USA

6100 Series - Factory Wired Portable Outlet Boxes

6101-1

These factory assembled outlet boxes save assembly time in the field and assembly cost, plus they give the assurance of proper component matching of cord, box and plug.

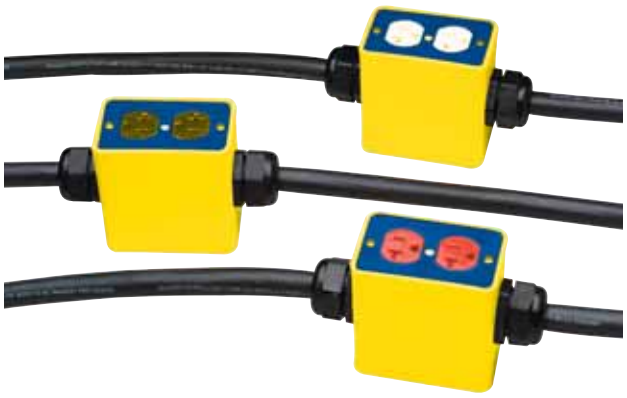
6100 Series Factory Wired Portable Outlet Boxes Selection Guide

	Factory Wired Box	Box w/Receptacles	NEMA Config.	Cord Length	SOW Cord Size
Factory wired with (2) duplex receptacles					
6100 box w/ (2) duplex 5-15 receptacles, 1' cord w/ 5-15 plug	**61001**		5-15	1'	14/3
6100 box w/ (2) duplex 5-15 receptacles, 25' cord w/ 5-15 plug	**61025**		5-15	25'	14/3
6100 box w/ (2) duplex 5-15 receptacles, 50' cord w/ 5-15 plug	**61050**		5-15	50'	14/3
6100 box w/ (2) duplex 5-20 receptacles, 1' cord w/ 5-20 plug	**61101**		5-20	1'	12/3
6100 box w/ (2) duplex 5-20 receptacles, 25' cord w/ 5-20 plug	**61125**		5-20	25'	12/3
6100 box w/ (2) duplex 5-20 receptacles, 50' cord w/ 5-20 plug	**61150**		5-20	50'	12/3
6100 box w/ (2) duplex 5-15 receptacles, no cord		**6101-1**		U-Add	
6100 box w/ (2) duplex 5-20 receptacles, no cord		**6101-2**		U-Add	
6100 box w/ (2) duplex L5-15 receptacles, 1' cord w/ L5-15 plug	**61201**		L5-15	1'	14/3
6100 box w/ (2) duplex L5-15 receptacles, 25' cord w/ L5-15 plug	**61225**		L5-15	25'	14/3
6100 box w/ (2) duplex L5-15 receptacles, 50' cord w/ L5-15 plug	**61250**		L5-15	50'	14/3
Factory wired with (2) single receptacles					
6106 box w/(2) L5-15 Outlets, 6' cord w/ L5-15 plug	**6106-143C2**		L5-15	6'	14/3
6106 box w/(2) L5-15 Outlets, 25' cord w/ L5-15 plug	**6106-143A2**		L5-15	25'	14/3
6106 box w/(2) L5-15 Outlets, 50' cord w/ L5-15 plug	**6106-143B2**		L5-15	50'	14/3
6106 box w/(2) L5-15 Outlets		**6106-2**	L5-15		
6111 w/ (2) L5-20, 6' #12/3 cord w/L5-20 plug	**6111-123C3**		L5-20	6'	12/3
6111 w/ (2) L5-20, 25' #12/3 cord w/L5-20 plug	**6111-123A3**		L5-20	25'	12/3
6111 w/ (2) L5-20, 50' #12/3 cord w/L5-20 plug	**6111-123B3**		L5-20	50'	12/3
6111 w/ (2) L5-20 receptacles		**6111-3**	L5-20		
6111 w/ (2) L6-20, 6' #12/3 cord w/L6-20 plug	**6111-123C4**		L6-20	6'	12/3
6111 w/ (2) L6-20, 25' #12/3 cord w/L6-20 plug	**6111-123A4**		L6-20	25'	12/3
6111 w/ (2) L6-20, 50' #12/3 cord w/L6-20 plug	**6111-123B4**		L6-20	50'	12/3
6111 w/ (2) L6-20 receptacles		**6111-4**	L6-20		

Notes:
1. Contact factory for custom assemblies

Made in the USA

Factory Wired 3-Phase Alternate-Wired Power Stringer



FEATURES:

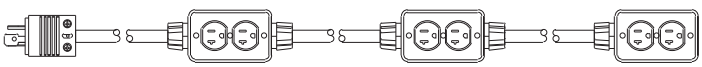
- 120/208 Volt
- Code compliant
- Perfect for events requiring temporary power such as: conventions, carnivals, circuses, fairs and sporting events
- Available with Ericson's non-metallic, non-conductive outlet boxes
- Molded of thermoplastic elastomer (TPE) these non-conductive boxes are crush proof and resistant to jobsite oils
- High-visibility dual-color safety system for easy identification on the jobsite
- Available with a wide range of cover plates and a full range of replacement parts
- Custom box printing available
- 10 foot leader, boxes 10 foot center

Selection Guide

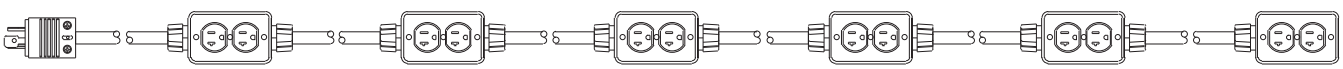
	Catalog Number	Plug	Receptacles	Overall Length	SOW Cord Size	Box 1	Box 2	Box 3	Box 4	Box 5	Box 6
20 Amp 3Ø											
w/ (3) 6129 boxes[6]	**6050 -125F8**	L21-20	5-20	30'	12/5	A-phase	B-phase	C-phase	-	-	-
w/ (6) 6129 boxes[6]	**6050 -125G8**			60'	12/5				A-phase	B-phase	C-phase
w/ (3) 6129 boxes[6]	**6050 -105F8**			30'	10/5				-	-	-
w/ (6) 6129 boxes[6]	**6050 -105G8**			60'	10/5				A-phase	B-phase	C-phase

Notes:
1. Contact factory for custom assemblies
2. Add "BLK" to catalog number for all black boxes & cable. Example: 6050-125F8 becomes 6050-125F8BLK
3. One color-coded duplex outlet per box
4. Indoor use only without snap covers
5. Custom Box Printing. Some restrictions apply. Quantity restrictions apply. Call factory for details.
6. 6129 box with coverplates #6031 and 6034
7. Each 6129 box contains (1) duplex receptacle

30' Streamer



60' Streamer



CP5-36-ID : 27,000 Lbs / Axle
CP5-36-ED : 50,000 Lbs / Axle

FEATURES:

- Industrial and extreme duty service ratings
- Load ratings up to 50,000 lbs/axle
- Y-Adapters deliver 45° and 90° cable routing
- Customizable to match corporate branding style
- Non-conductive shock barrier protection
- Rounded dividers protect cables from snags and tears
- T-style connector interlocks for secure operation
- Hinged lid for easy cable loading
- Rugged, all-weather polyurethane construction
- Tread plate surface for increased traction
- Clearly Identifiable molded safety warning symbols
- Tapered end caps provide gradual egress
- Light-weight design for easy handling and storage
- Meets NEC & OSHA requirements
- Large capacity (1.3 inch) linear sections

Ericson's TuffTraxx Series of Industrial Duty and Extreme Duty Cable Protectors deliver unmatched security and protection against cable and hose damage. Easy to install and reconfigure, the non-metallic TuffTraxx Series shields interconnect cabling from harmful equipment traffic, thus minimizing expensive down-time and repairs. Flexible Y-Adapters offer exceptional cable routing flexibility ideal for large diameter cable or multi-directional cable runs.

Protecting pedestrian traffic from dangerous trip hazards, whether at the work site or during public events, has never been easier than with this safe and affordable solution. Constructed from light-weight, durable polyurethane and tested to rigorous quality and operational standards, these products are built to withstand years of punishing service without compromised performance.

TuffTraxx Industrial and Extreme Duty Cable Protectors feature a compact, flexible design that simplifies setup and transportation making them ideal for a wide range of applications including:

- Oil / Gas Exploration
- Digital / Telecommunications
- Mining Operations
- Stadiums / Racetracks / Arenas
- Oil / Gas Refineries
- Defense / Safety
- Carnivals and Fairs
- Universities / Schools
- Construction
- Utility Maintenance
- Rental Services
- Convention /Theaters
- Entertainment Venues
- Sporting Events
- Transportation
- Aerospace / Airports

Made in the USA

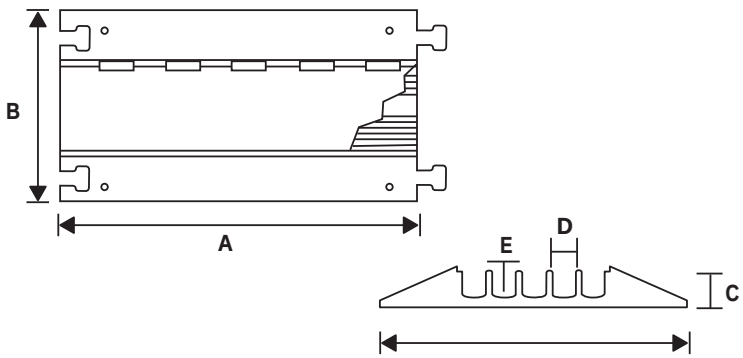
Specifications

Material:	
Straight section, end caps, Y-adapter	UV Stabilized Polyurethane
Hinge	Reinforced Fiberglass
Operating Temperature Range:	-40 °F to +120 °F (-40 °C to +49 °C)
Maximum Load per Tire (straight section):	
CP5-36-ID	13,500 lbs. @ 70 °F (4,763 kg. @ 21 °C)
CP4-36-ED, CP5-36-ED	25,000 lbs. @ 70 °F (4,763 kg. @ 21 °C):
Maximum Load per Axle (straight section):	
CP5-36-ID	27,000 lbs. @ 70 °F (4,763 kg. @ 21 °C)
CP4-36-ED, CP5-36-ED	50,000 lbs. @ 70 °F (4,763 kg. @ 21 °C):

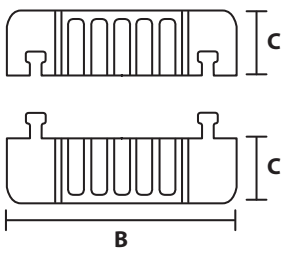
Catalog Number	Description	A-Length	B-Width	C-Height	D-Channel Width	E-Channel Height	Weight
CP5-36-ID	Industrial Duty 5-slot, 36" straight section	36"	17.25"	1.95"	1.30"	1.35"	20.6 lbs
CP4-36-ED	Extreme Duty 4-slot, 36" straight section	36"	19.5"	2.25"	1.80"	1.35"	23.5 lbs
CP5-36-ED	Extreme Duty 5-slot, 36" straight section	36"	19.5"	2.25"	1.40"	1.35"	23.5 lbs

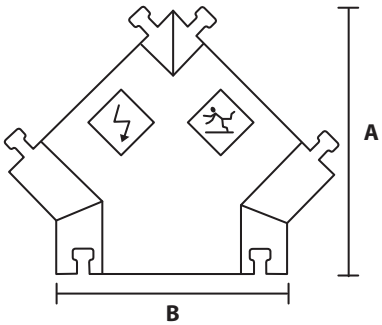
Max. Allowable Cable Size

Cord Type	Voltage	Size
SOOW Portable	(600V)	2/3
SOOW Control	(600V)	18/30, 16/52, 14/24
Type W (2000V)	(2000V)	2/2, 2/3, 4/4, 6/5
Stage Lighting	(600V)	4/0
Welding	(600V)	500MCM
Utility Ground	(600V)	4/0
Type G-GC	(2000V)	4/3



Catalog Number	Description	A-Length	B-Width	C-Height	D-Channel Width	E-Channel Height	Weight
CP5-45Y-ID	Industrial Duty 5-Channel, "Y" Adapter	20" (508.3mm)	17.25" (438.2mm)	1.95" (50mm)	1.3" (33mm)	1.3" (33mm)	11 lbs
CP5-ECP-ID	Industrial Duty 5-Channel End Cap (Pair)	4.75" (120mm)	17.25" (438.2mm)	1.95" (50mm)	1.3" (33mm)	1.3" (33mm)	2.7 Lbs.





Made in the USA

24/7 Emergency Assistance Hotline
1-877-OSCAR99 (672-2799)

Made in the USA

Flexible MINI-SYNC™ and MICRO-SYNC™ Connectors, Cable Assemblies and Receptacles

FEATURES:

- NEMA 6P and IP68 protection
- Made in the USA
- Compatible with U.S. and European sensors
- High-impact resistant contact carriers
- Highly accurate machined contacts
- Corrosion resistant gold plated contacts
- Secure pin and contact crimp termination
- Mechanically keyed
- Field installable
- Stress and harsh environment resistant
- Vibration resistant

Ericson's family of MINI-SYNC™ and MICRO-SYNC™ connectors, cable assemblies and receptacles offer the flexibility, vibration resistance and product configuration options necessary for today's challenging manufacturing environments. These connectors have been designed for low amperage AC or DC control systems, and are compatible with the pin configurations used by major U.S. and European sensor manufacturers.

MINI-SYNC™ and MICRO-SYNC™ plugs and cable assemblies are excellent for use where flexibility and resistance to stress, abuse, and harsh physical environments is essential. A wide range of configuration alternatives are available including male and female connections, 2 thru 12 pole pin-outs, straight or 90° configurations, and single or dual keyway.

Flexible connector configurations make these products ideal for applications where proximity switches, limit switches, photoelectric switches and solenoids are used including:

- Automotive Assembly
- Automated Machinery
- Packaging Equipment
- Conveyor Sensors
- Material Handling
- Robotics
- Packaging Machinery
- Automated Assembly
- Automated Inspection

Made in the USA

SPECIFICATIONS

Materials

Body: PVC
Contact Carrier: Nitrile Rubber
Contact Sleeve: Stainless Steel
Contact: Brass, Gold Plated over Nickel
Coupling Nut: Machined Aluminum, Black Anodized
Cable: #16 AWG Type PVC, 65 x #34 stranding 105° C
Other cables available

Cable Diameters: 2/C-.37", 3/C-.39",4/C-.42" , 5/C-.50",6/C-53"

Electrical

Voltage Rating: 600 VAC
Contact Resistance: ≤;5m Ω

Environmental

Protection: IP68, NEMA 6P
Operating Temp: -20°C to 105°C

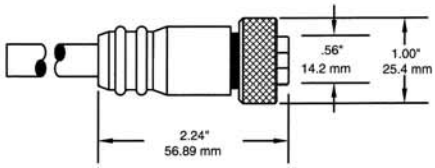
Certifications

OPTIONS

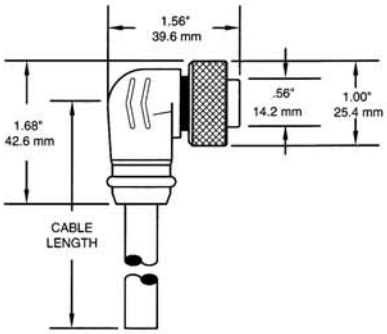
#18 AWG (PVC) Plug Assemblies
Stainless Steel Couplers
Plastic Couplers

Consult the factory for custom wire length and a full range of wire management product accessories.

Straight Connector



90º Plug Connector



Made in the USA

Poles	Face View	Rating	Wiring Code	Overall Length (ft./m)	MINI-SYNC™ Straight Male	MINI-SYNC™ Male 90°	MINI-SYNC™ Female Straight	MINI-SYNC™ Female 90°
2	Male  Female 	13A 600V	1-White 2-Black	3 ft./0.91m	82MS003A	82M9003A	82FS003A	82F9003A
				6 ft./1.83m	82MS006A	82M9006A	82FS006A	82F9006A
				12 ft./3.66m	82MS012A	82M9012A	82FS012A	82F9012A
				15 ft./4.57m	82MS015A	82M9015A	82FS015A	82F9015A
				20 ft./6.10m	82MS020A	82M9020A	82FS020A	82F9020A
3	Male  Female 	13A 600V	1-Green 2-Black 3-White	3 ft./0.91m	83MS003A	83M9003A	83FS003A	83F9003A
				6 ft./1.83m	83MS006A	83M9006A	83FS006A	83F9006A
				12 ft./3.66m	83MS012A	83M9012A	83FS012A	83F9012A
				15 ft./4.57m	83MS015A	83M9015A	83FS015A	83F9015A
				20 ft./6.10m	83MS020A	83M9020A	83FS020A	83F9020A
4	Male  Female 	10A 600V	1-Black 2-White 3-Red 4-Green	3 ft./0.91m	84MS003A	84M9003A	84FS003A	84F9003A
				6 ft./1.83m	84MS006A	84M9006A	84FS006A	84F9006A
				12 ft./3.66m	84MS012A	84M9012A	84FS012A	84F9012A
				15 ft./4.57m	84MS015A	84M9015A	84FS015A	84F9015A
				20 ft./6.10m	84MS020A	84M9020A	84FS020A	84F9020A
5	Male  Female 	8A 600V	1-White 2-Red 3-Green 4-Orange 5-Black	3 ft./0.91m	85MS003A	85M9003A	85FS003A	85F9003A
				6 ft./1.83m	85MS006A	85M9006A	85FS006A	85F9006A
				12 ft./3.66m	85MS012A	85M9012A	85FS012A	85F9012A
				15 ft./4.57m	85MS015A	85M9015A	85FS015A	85F9015A
				20 ft./6.10m	85MS020A	85M9020A	85FS020A	85F9020A
6	Male  Female 	8A 600V	1-White 2-Red 3-Green 5-Black 4-Orange 6-Blue	3 ft./0.91m	86MS003A	86M9003A	86FS003A	86F9003A
				6 ft./1.83m	86MS006A	86M9006A	86FS006A	86F9006A
				12 ft./3.66m	86MS012A	86M9012A	86FS012A	86F9012A
				15 ft./4.57m	86MS015A	86M9015A	86FS015A	86F9015A
				20 ft./6.10m	86MS020A	86M9020A	86FS020A	86F9020A

Made in the USA

SPECIFICATIONS

Materials

Body: PVC
Contact Carrier: Nitrile Rubber
Contact Sleeve: Stainless Steel
Contact: Brass, Gold Plated over Nickel
Coupling Nut: Machined Aluminum, Black Anodized
Cable: #16 AWG Type PVC, 65 x #34 stranding 105° C
Other cables available

Cable Diameters: 2/C-.37", 3/C-.39", 4/C-.42" , 5/C-.50",6/C-53"

Electrical

Voltage Rating: 600 VAC
Contact Resistance: ≤;5m Ω

Environmental

Protection: IP68, NEMA 6P
Operating Temp: -20°C to 105°C

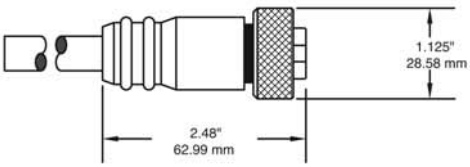
Certifications

OPTIONS

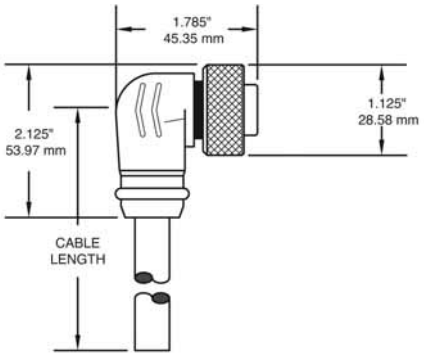
#18 AWG (PVC) Plug Assemblies
Stainless Steel Couplers
Plastic Couplers

Consult the factory for custom wire length and a full range of wire management product accessories.

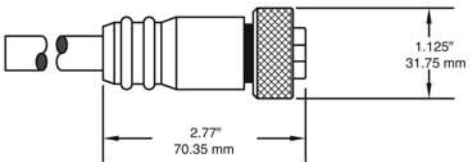
6-8 POLE
Straight Connector



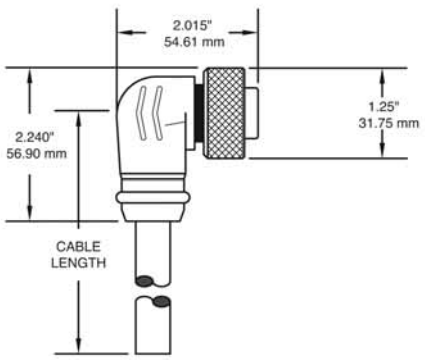
90º Connector



9-12 POLE
Straight Connector



90º Connector



Made in the USA

Poles	Male Face View	Rating	Wiring Code	Overall Length (ft./m)	MINI-SYNC™ Straight Male	MINI-SYNC™ Male 90°	MINI-SYNC™ Female Straight	MINI-SYNC™ Female 90°
6 B Size		8A 600V	1-White 2-Red 3-Green 5-Black 4-Orange 6-Blue	3 ft./0.91m	86BMS003A	86BM9003A	86BFS003A	86BF9003A
				6 ft./1.83m	86BMS006A	86BM9006A	86BFS006A	86BF9006A
				12 ft./3.66m	86BMS012A	86BM9012A	86BFS012A	86BF9012A
				15 ft./4.57m	86BMS015A	86M9015A	86FBS015A	86BF9015A
				20 ft./6.10m	86BMS020A	86BM9020A	86BFS020A	86BF9020A
7		7A 600V	1-White 2-Red 3-Green 5-Black 4-Orange 6-Blue 7-Green	3 ft./0.91m	87MS003A	87M9003A	87FS003A	87F9003A
				6 ft./1.83m	87MS006A	87M9006A	87FS006A	87F9006A
				12 ft./3.66m	87MS012A	87M9012A	87FS012A	87F9012A
				15 ft./4.57m	87MS015A	87M9015A	87FS015A	87F9012A
				20 ft./6.10m	87MS020A	87M9020A	87FS020A	87F9020A
8		7A 600V	1-White 2-Red 3-Green 5-Black 4-Orange 6-Blue 7-Green 8-White-Blk.Tr.	3 ft./0.91m	88MS003A	88M9003A	88FS003A	88F9003A
				6 ft./1.83m	88M9006A	88M9006A	88FS006A	88F9006A
				12 ft./3.66m	88MS012A	88M9012A	88FS012A	88F9012A
				15 ft./4.57m	88MS015A	88M9015A	88FS015A	88F9015A
				20 ft./6.10m	88MS020A	88M9020A	88FS020A	88FS020A
9		7A 600V	1-Orange 2-Blue 3-Red-Blk.Tr. 4-Green-Blk.Tr. 5-White 6-Red 7-Green 8-White-Blk.Tr. 9-Black	3 ft./0.91m	89MS003A	89M9003A	89FS003A	89F9003A
				6 ft./1.83m	89MS006A	89M9006A	89FS006A	89F9006A
				12 ft./3.66m	89MS012A	89M9012A	89FS012A	89F9012A
				15 ft./4.57m	89MS015A	89M9015A	89FS015A	89F9015A
				20 ft./6.10m	89MS020A	89M9020A	89FS020A	89F9020A
10		7A 600V	1-Orange 2-Blue 3-White-Blk.Tr. 4-Red-Blk.Tr. 5-Green-Blk.Tr. 6-Orange-Blk.Tr. 7-Red 8-Green 9-Black 10-White	3 ft./0.91m	810MS003A	810M9003A	810FS003A	810F9003A
				6 ft./1.83m	810MS006A	810M9006A	810FS006A	810F9006A
				12 ft./3.66m	810MS012A	810M9012A	810FS012A	810F9012A
				15 ft./4.57m	810MS015A	810M9015A	810FS015A	810F9015A
				20 ft./6.10m	810MS020A	810M9020A	810FS020A	810F9020A
12		7A 600V	1-Orange 2-Blue 3-White-Blk.Tr. 4-Red-Blk.Tr. 5-Green-Blk.Tr. 6-Orange-Blk.Tr. 7-Blue-Blk.Tr. 8-Black-Wht.Tr. 9-Green 10-Red 11-White 12-Black	3 ft./0.91m	812MS003A	812M9003A	812FS003A	812F9003A
				6 ft./1.83m	812MS006A	812M9006A	812FS006A	812F9006A
				12 ft./3.66m	812MS012A	812M9012A	812FS012A	812F9012A
				15 ft./4.57m	812MS015A	812M9015A	812FS015A	812F9015A
				20 ft./6.10m	812MS020A	812M9020A	812FS020A	812F9020A

Made in the USA

SPECIFICATIONS

MATERIALS

Insert Material: Nitrile Rubber
Contact: Brass, Gold Plated over Nickel
Sleeve: Stainless Steel
Shell: Machined Aluminum, Black Anodized (stainless steel available)
Wire: #16 AWG/600 Volts 26 x #30 Stranding
"O" Ring: Viton
Lock nut: Plated Steel (not pictured)

ELECTRICAL

Voltage Rating: 600 VAC
Contact Resistance: ≤5m Ω

ENVIRONMENTAL

Protection: IP68, NEMA 6P
Operating Temp: -50°C to 90°C (UL), -34°C to 90°C (CSA)

CERTIFICATIONS

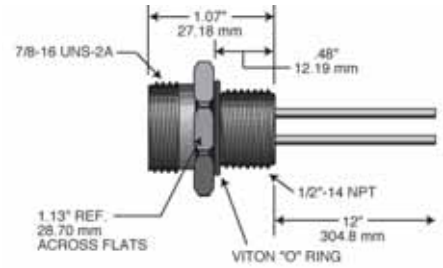
OPTIONS

Stainless Steel Hardware can be specified - add "SS" after Part Number; to specify 18 AWG Wire add "-18" after the Part Number.

Not available in stainless steel.

DIMENSIONS

Receptacle



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Poles	Face View	Rating	Wiring Code	Overall Length (ft./m)	Male Straight Receptacle 12 in. Leads	Female Straight Receptacle 12 in. Leads
2		13A 600V	1-White 2-Black	12 in.	**82MRC**	**82FRC**
3		13A 600V	1-Green 2-Black 3-White	12 in.	**83MRC**	**83FRC**
4		10A 600V	1-Black 2-White 3-Red 4-Green	12 in.	**84MRC**	**84FRC**
5		8A 600V	1-White 2-Red 3-Green 4-Orange 5-Black	12 in.	**85MRC**	**85FRC**
6		8A 600V	1-White 2-Red 3-Green 5-Black 4-Orange 6-Blue	12 in.	**86MRC**	**86FRC**

Made in the USA

Specifications

MATERIALS

Insert Material: Nitrile Rubber
Contact: Brass, Gold Plated over Nickel
Sleeve: Stainless Steel
Shell: Machined Aluminum, Black Anodized (stainless steel available)
Wire: #16 AWG/600 Volts 26 x #30 Stranding
"O" Ring: Viton
Lock nut: Plated Steel (not pictured)

ELECTRICAL

Voltage Rating: 600 VAC
Contact Resistance: ≤5m Ω

ENVIRONMENTAL

Protection: IP68, NEMA 6P
Operating Temp: -50°C to 90°C (UL), -34°C to 90°C (CSA)

CERTIFICATIONS

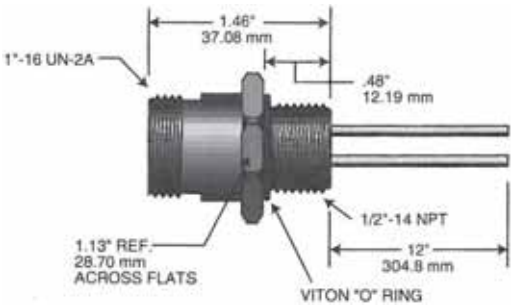
OPTIONS

Stainless Steel Hardware can be specified - add "SS" after Part Number; to specify 18 AWG Wire add "-18" after the Part Number.

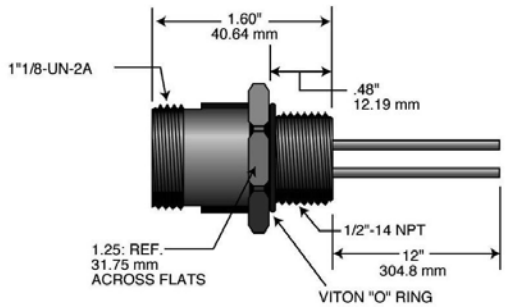
Not available in stainless steel.

DIMENSIONS

6B-8 POLE
Receptacle



6B-12 POLE
Receptacle



Made in the USA

Poles	Face View	Rating	Wiring Code	Overall Length (ft./m)	Male Straight Receptacle 12 in. Leads	Female Straight Receptacle 12 in. Leads
6 B Size		8A 600V	1-White 2-Red 3-Green 5-Black 4-Orange 6-Blue 7-Green	12 inches	**86BMRC**	**86BFRC**
8		8A 600V	1-White 2-Red 3-Green 5-Black 4-Orange 6-Blue 7-Green 8-White-Blk.Tr.	12 inches	**88MRC**	**88FRC**
9		7A 600V	1-Orange 2-Blue 3-Red-Blk.Tr. 4-Green-Blk.Tr. 5-White 6-Red 7-Green 8-White-Blk.Tr. 9-Black	12 inches	**89MRC**	**89FRC**
10		7A 600V	1-Orange 2-Blue 3-White-Blk.Tr. 4-Red-Blk.Tr. 5-Green-Blk.Tr. 6-Orange-Blk.Tr. 7-Red 8-Green 9-Black 10-White	12 inches	**810MRC**	**810FRC**
12		7A 600V	1-Orange 2-Blue 3-White-Blk.Tr. 4-Red-Blk.Tr. 5-Green-Blk.Tr. 6-Orange-Blk.Tr. 7-Blue-Blk.Tr. 8-Black-Wht.Tr. 9-Green 10-Red 11-White 12-Black	12 inches	**812MRC**	**812FRC**

Made in the USA

SPECIFICATIONS

MATERIALS

Body: PVC
Contact Carrier: Nitrile Rubber
Contact Sleeve: Stainless Steel
Contact: Brass, Gold Plated over Nickel
Coupling Nut: Machined Aluminum, Black Anodized

Cable: #16 AWG Type PVC, 65 x #34 stranding, 105° C
Other cables available

Cable Diameters: 2/C-.37", 3/C-.39", 4/C-.42", 5/C-.50", 6/C-.53"

ELECTRICAL

Voltage Rating: 600 VAC
Contact Resistance: ≤5m Ω

ENVIRONMENTAL

Protection: IP68, NEMA 6P
Operating Temp: -20°C to 105°C

CERTIFICATIONS

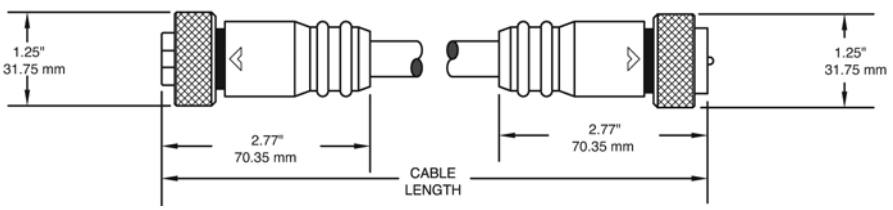
OPTIONS

#18 AWG (PVC) Plug Assemblies
Stainless Steel Couplers
Plastic Couplers

Consult the factory for custom wire length and a full range of wire management product accessories

DIMENSIONS

Female/Male Cordset

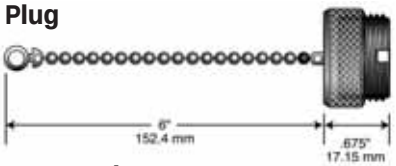


Made in the USA

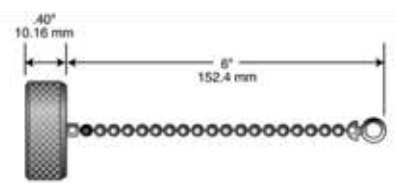
Poles	Face Views	Rating	Overall Wiring Code	Length (ft./m)	MINI-SYNC™ Male/Female Straight	MINI-SYNC™ Male 90°/Female Straight	MINI-SYNC™ Male 90°/Female 90°	MINI-SYNC™ Female 90° / Male Straight
2	Male / Female	13A 600V	1-White 2-Black	3 ft./0.91m	82FMS003A	82M9FS003A	82F9M9003A	82F9MS003A
				6 ft./1.83m	82FMS006A	82M9FS006A	82F9M9006A	82F9MS006A
				12 ft./3.66m	82FMS012A	82M9FS012A	82F9M9012A	82F9MS012A
				15 ft./4.57m	82FMS015A	82M9FS015A	82F9M9015A	82F9MS015A
				20 ft./6.10m	82FMS020A	82M9FS020A	82F9M9020A	82F9MS020A
3	Male / Female	13A 600V	1-Green 2-Black 3-White	3 ft./0.91m	83FMS003A	83M9FS003A	83F9M9003A	83F9MS003A
				6 ft./1.83m	83FMS006A	83M9FS006A	83F9M9006A	83F9MS006A
				12 ft./3.66m	83FMS012A	83M9FS012A	83F9M9012A	83F9MS012A
				15 ft./4.57m	83FMS015A	83M9FS015A	83F9M9015A	83F9MS015A
				20 ft./6.10m	83FMS020A	83M9FS020A	83F9M9020A	83F9MS020A
4	Male / Female	10A 600V	1-Black 2-White 3-Red 4-Green	3 ft./0.91m	84FMS003A	84M9FS003A	84F9M9003A	84F9MS003A
				6 ft./1.83m	84FMS006A	84M9FS006A	84F9M9006A	84F9MS006A
				12 ft./3.66m	84FMS012A	84M9FS012A	84F9M9012A	84F9MS012A
				15 ft./4.57m	84FMS015A	84M9FS015A	84F9M9015A	84F9MS015A
				20 ft./6.10m	84FMS020A	84M9FS020A	84F9M9020A	84F9MS020A
5	Male / Female	8A 600V	1-White 2-Red 3-Green 4-Orange 5-Black	3 ft./0.91m	85FMS003A	85M9FS003A	85F9M9003A	85F9MS003A
				6 ft./1.83m	85FMS006A	85M9FS006A	85F9M9006A	85F9MS006A
				12 ft./3.66m	85FMS012A	85M9FS012A	85F9M9012A	85F9MS012A
				15 ft./4.57m	85FMS015A	85M9FS015A	85F9M9015A	85F9MS015A
				20 ft./6.10m	85FMS020A	85M9FS020A	85F9M9020A	85F9MS020A
6	Male / Female	8A 600V	1-White 2-Red 3-Green 4-Orange 5-Black 6-Blue	3 ft./0.91m	86FMS003A	86M9FS003A	86F9M9003A	86F9MS003A
				6 ft./1.83m	86FMS006A	86M9FS006A	86F9M9006A	86F9MS006A
				12 ft./3.66m	86FMS012A	86M9FS012A	86F9M9012A	86F9MS012A
				15 ft./4.57m	86FMS015A	86M9FS015A	86F9M9015A	86F9MS015A
				20 ft./6.10m	86FMS020A	86M9FS020A	86F9M9020A	86F9MS020A

Closure Caps for Plugs and Receptacles

Plug

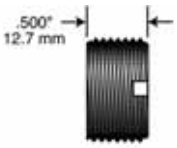


Receptacle



Number of Poles	Plugs	Receptacles
2, 3, 4, 5, or 6 (A Size)	826AETCC	826AITCC
6 (B Size), 7, or 8	86B8ETCC	86B8ITCC
9, 10, or 12	8912ETCC	8912ITCC

Adapter for Joining Two Cable Assemblies



Number of Poles	Part Number
2, 3, 4, 5, or 6 (A Size)	826AJAD
6 (B Size), 7, or 8	86B8JAD
9, 10, or 12	8912JAD

Made in the USA

SPECIFICATIONS

MATERIALS
Body: PVC
O-Ring: Nitrile Rubber
Contact Carrier: Zytel ST801
Contact: Brass, Gold Plated over Nickel
Coupling Nut: Machined Aluminum, Clear Anodized
Cable: #22 AWG PVC 26 x #36 stranding, 105°C,
Or #18 AWG PVC 41 x #34 stranding, 105°C,
UL Recognized, CSA Certified
Cable Diameters: #22 AWG PVC w/o braid, 2/C-.17",
3/C-.18", 4/C-.19", 5/C-.21",6/C-22"

ELECTRICAL
Voltage Rating: 300 VAC
Current Rating: #22 AWG 2 to 5 Pole – 4A,
6 Pole – 3A, #18 AWG – 5A
Contact Resistance: <5mΩ

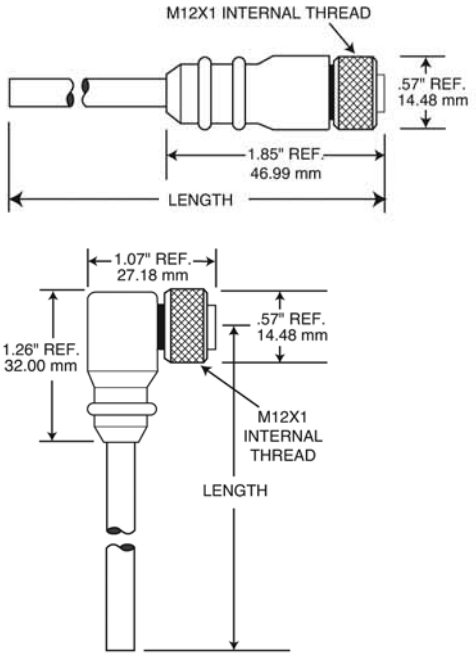
ENVIRONMENTAL
Protection: IP68, NEMA 6P
Operating Temp: -20°C to 105°C
Certifications

OPTIONS
#18 AWG (PVC) Plug Assemblies (2-5) Poles
Stainless Steel Couplers
Plastic Couplers

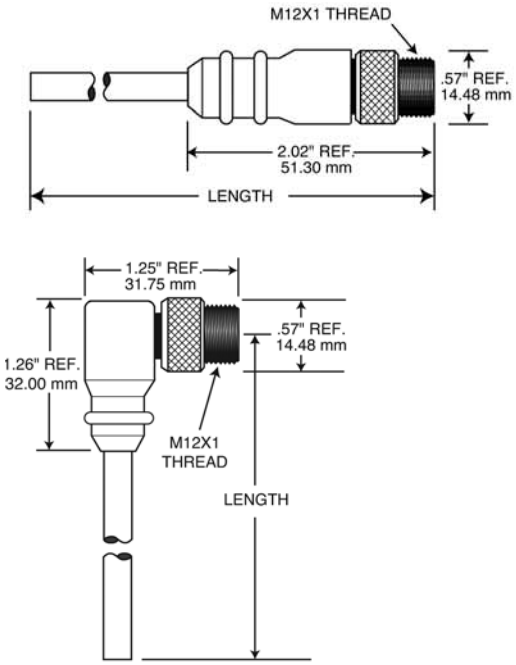
Consult the factory for custom wire length and a full range of wire management product accessories

DIMENSIONS

Female Plugs



Male Plugs



Made in the USA

Poles	Face View	Rating	Wiring Code	OveralLength (m/ft.)	MICRO-SYNC™ Straight Male	MICRO-SYNC™ Male 90°	MICRO-SYNC™ Female Straight	MICRO-SYNC™ Female 90°
3	Male  Female 	4A 300V	1-Brown 2-N/A 3-Blue 4- Black	2m / 6.6 ft.	93MSE2G	93M9E2G	93FS2G	93F92G
				4m / 13.1 ft.	93MSE4G	93M9E4G	93FS4G	93F94G
				5m / 16.3 ft.	93MSE5G	93M9E5G	93FS4G	93F95G
4	Male  Female 	4A 300V	1-Brown 2-White 3-Blue 4-Black	2m / 6.6 ft.	94MSE2G	94M9E2G	94FS2G	94F92G
				4m / 13.1 ft.	94MSE4G	94M9E4G	94FS4G	94F94G
				5m / 16.3 ft.	94MSE5G	94M9E5G	94FS5G	94F95G
5	Male  Female 	4A 300V	1-Brown 2-White 3-Blue 4-Black 5-Grey	2m / 6.6 ft.	95MSE2G	95M9E2G	95FS2G	95F92G
				4m / 13.1 ft.	95MSE4G	95M9E4G	95FS4G	95F94G
				5m / 16.3 ft.	95MSE5G	95M9E5G	95FS5G	95F95G

Made in the USA

SPECIFICATIONS

MATERIALS
Body: PVC
O-Ring: Nitrile Rubber
Contact Carrier: Zytel ST801
Contact: Brass, Gold Plated over Nickel
Coupling Nut: Machined Aluminum, Clear Anodized
Cable: #22 AWG PVC 26 x #36 stranding, 105°C, Or #18 AWG PVC 41 x #34 stranding, 105°C, UL Recognized, CSA Certified
Cable Diameters: #22 AWG PVC w/o braid, 2/C-.17", 3/C-.18", 4/C-.19", 5/C-.21",6/C-22"

ELECTRICAL
Voltage Rating: 300 VAC
Current Rating: #22 AWG 2 to 5 Pole – 4A, 6 Pole – 3A, #18 AWG – 5A
Contact Resistance: <5mΩ

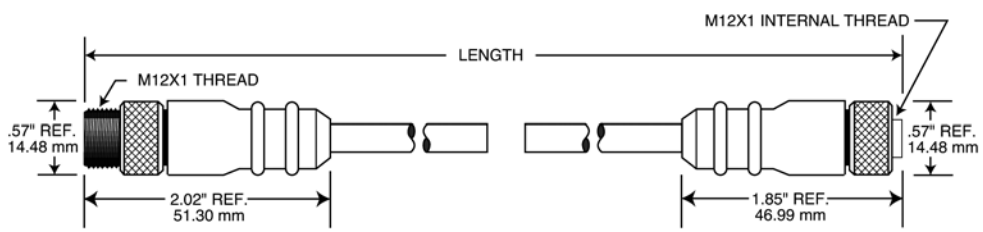
ENVIRONMENTAL
Protection: IP68, NEMA 6P
Operating Temp: -20°C to 105°C

CERTIFICATIONS

OPTIONS
#18 AWG (PVC) Plug Assemblies (2-5) Poles
Stainless Steel Couplers
Plastic Couplers

Consult the factory for custom wire length and a full range of wire management product accessories

DIMENSIONS



Made in the USA

Poles	Face View	Rating	Wiring Code	Overall Length (ft./m)	MICRO-SYNC™ DC Female / Male Straight
3	Male  Female 	4A 300V	1-Brown 2-N/A 3-Blue 4-Black	6 ft. / 1.8 m	**93FMSE2G**
				12 ft. / 3.6 m	**93FMSE4G**
				20 ft / 6.1 m	**93FMSE5G**
4	Male  Female 	4A 300V	1-Brown 2-White 3-Blue 4-Black	6 ft. / 1.8 m	**94FMSE2G**
				12 ft. / 3.6 m	**94FMSE4G**
				20 ft / 6.1 m	**94FMSE5G**
5	Male  Female 	4A 300V	1-Brown 2-White 3-Blue 4-Black 5-Grey	6 ft. / 1.8 m	**95FMSE2G**
				12 ft. / 3.6 m	**95FMSE4G**
				20 ft / 6.1 m	**95FMSE5G**

Made in the USA

SPECIFICATIONS

MATERIALS
Insert Material: Zytel ST801
O-Ring: Nitrile Rubber
Contact: Brass, Gold Plated over Nickel
Shell: Machine Aluminum, Black Anodized
Lock Nut: Plated Steel
Wire: #22 AWG PVC Insulated 26 x #36 stranding, 80°C

ELECTRICAL
Voltage Rating: 300 VAC
Current Rating: #22 AWG 2- 4A, #18 AWG - 5A
Contact Resistance: <5mΩ

ENVIRONMENTAL
Protection: IP68, NEMA 6P
Operating Temp: **-20°C to 80°C**

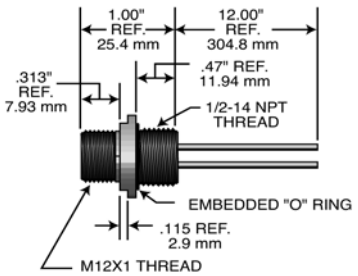
CERTIFICATIONS

OPTIONS
#18 AWG (PVC) Leads
Stainless Steel Shells
Not available on back panel mount styles

DIMENSIONS

Male Receptacles

1/2" NPT



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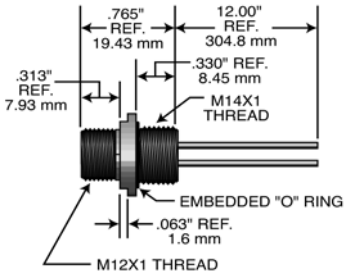
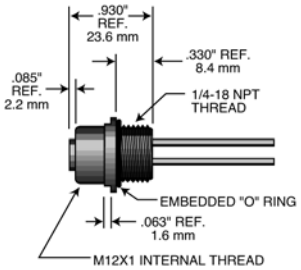
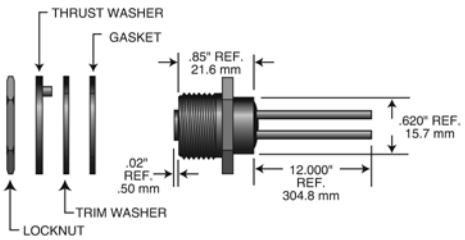


Female Receptacles

1/4" NPT



Back Panel Mount



Made in the USA

Poles	Face View	Rating	Wiring Code	Overall Length (ft./m)	MICRO-SYNC™ DC Male 1/2" NPT	MICRO-SYNC™ DC Male M14 x 1	MICRO-SYNC™ DC Female 1/4" NPT	MICRO-SYNC™ DC Female Back Panel
3	Male  Female 	4A 300V	1-Brown 2-N/A 3-Blue 4-Black	12 inches	93MRK2	93MRK4	93FRK1	93FRK3
4	Male  Female 	4A 300V	1-Brown 2-White	12 inches	94MRK2	94MRK4	94FRK1	94FRK3
5	Male  Female 	4A 300V	1-Brown 2-White 3-Blue 4-Black 5-Grey	12 inches	95MRK2	95MRK4	95FRK1	95FRK3

Made in the USA

SPECIFICATIONS

MATERIALS
Body: PVC
O-Ring: Nitrile Rubber
Contact Carrier: Zytel ST801
Contact: Brass, Gold Plated over Nickel
Coupling Nut: Machined Aluminum, Clear Anodized
Cable: #22 AWG PVC 26 x #36 stranding, 105°C,
Or #18 AWG PVC 41 x #34 stranding, 105°C,
UL Recognized, CSA Certified
Cable Diameters: #22 AWG PVC w/o braid, 2/C-.17",
3/C-.18", 4/C-.19", 5/C-.21",6/C-22"

ELECTRICAL
Voltage Rating: 300 VAC
Current Rating: #22 AWG 2 to 5 Pole – 4A,
6 Pole – 3A, #18 AWG – 5A
Contact Resistance: <5mΩ

ENVIRONMENTAL
Protection: IP68, NEMA 6P
Operating Temp: -20°C to 105°C

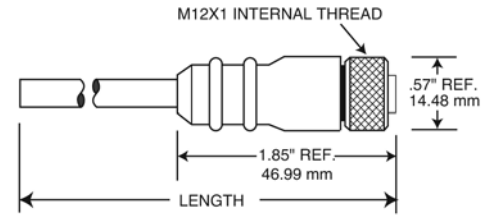
CERTIFICATIONS

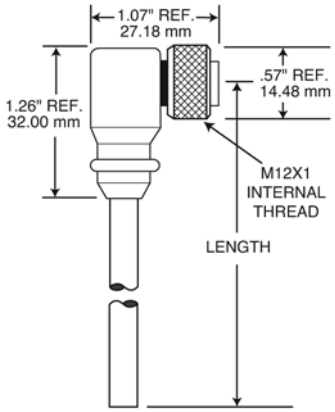
OPTIONS
#18 AWG (PVC) Plug Assemblies (2-5) Poles
Stainless Steel Couplers
Plastic Couplers

Consult the factory for custom wire length and a full range of wire management product accessories

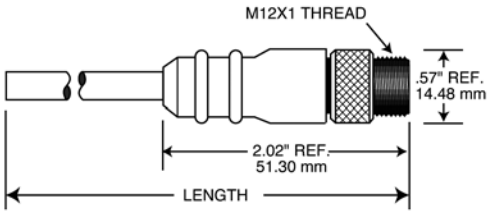
DIMENSIONS

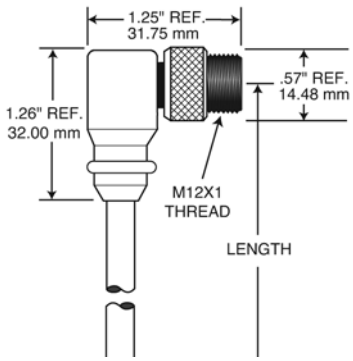
Female Plugs





Male Plugs





Made in the USA

Poles	Face View	Rating	Wiring Code	Overall Length (ft./m)	MICRO-SYNC™ Male Straight	MICRO-SYNC™ Male 90°	MICRO-SYNC™ Female Straight	MICRO-SYNC™ Female 90°
2	Male  Female 	4A 300V	1-Brown 2-Blue	6 ft. / 1.8 m	72MSE006F	72M9E006F	72FS006F	72F9006F
				12 ft. / 3.6 m	72MSE012F	72M9E012F	72FS012F	72F9012F
				20 ft / 6.1 m	72MSE020F	72M9E020F	72FS020F	72F9020F
3	Male  Female 	4A 300V	1-Brown 2-Red/Black 3-Red/White	6 ft. / 1.8 m	73MSE006F	73M9E006F	73FS006F	73F9006F
				12 ft. / 3.6 m	73MSE012F	73M9E012F	73FS012F	73F9012F
				20 ft / 6.1 m	73MSE020F	73M9E020F	73FS020F	73F9020F
4	Male  Female 	4A 300V	1-Red/Black 2-Red/White 3-Red 4-Green	6 ft. / 1.8 m	74MSE006F	74M9E006F	74FS006F	74F9006F
				12 ft. / 3.6 m	74MSE012F	74M9E012F	74FS012F	74F9012F
				20 ft / 6.1 m	74MSE020F	74M9E020F	74FS020F	74F9020F
5	Male  Female 	4A 300V	1-Red/White 2-Red 3-Green 4-Red/Yellow 5-Red/Black	6 ft. / 1.8 m	75MSE006F	75M9E006F	75FS006F	75F9006F
				12 ft. / 3.6 m	75MSE012F	75M9E012F	75FS012F	75F9012F
				20 ft / 6.1 m	75MSE020F	75M9E020F	75FS020F	75F9020F
6	Male  Female 	4A 300V	1-Red/White 2-Red 3-Green 4-Red/Yellow 5-Red/Black 6-Red/Blue	6 ft. / 1.8 m	76MSE006F	76M9E006F	76FS006F	76F9006F
				12 ft. / 3.6 m	76MSE012F	76M9E012F	76FS012F	76F9012F
				20 ft / 6.1 m	76MSE020F	76M9E020F	76FS020F	76F9020F

Made in the USA

SPECIFICATIONS

MATERIALS
Body: PVC
O-Ring: Nitrile Rubber
Contact Carrier: Zytel ST801
Contact: Brass, Gold Plated over Nickel
Coupling Nut: Machined Aluminum, Clear Anodized
Cable: #22 AWG PVC 26 x #36 stranding, 105°C, Or #18 AWG PVC 41 x #34 stranding, 105°C, UL Recognized, CSA Certified
Cable Diameters: #22 AWG PVC w/o braid, 2/C-.17", 3/C-.18", 4/C-.19", 5/C-.21",6/C-22"

ELECTRICAL
Voltage Rating: 300 VAC
Current Rating: #22 AWG 2 to 5 Pole – 4A, 6 Pole – 3A, #18 AWG – 5A
Contact Resistance: <5mΩ

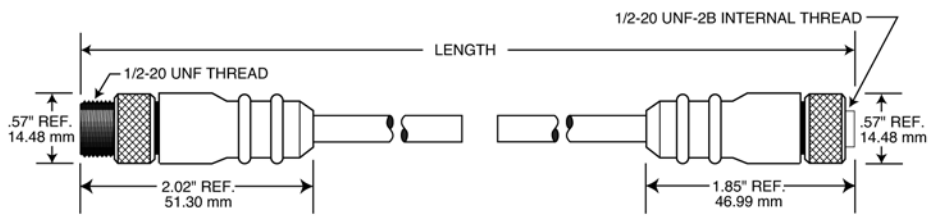
ENVIRONMENTAL
Protection: IP68, NEMA 6P
Operating Temp: -20°C to 105°C

CERTIFICATIONS

OPTIONS
#18 AWG (PVC) Plug Assemblies (2-5) Poles
Stainless Steel Couplers
Plastic Couplers

Consult the factory for custom wire length and a full range of wire management product accessories

DIMENSIONS



Made in the USA

Poles	Face View	Rating	Wiring Code	Overall Length (ft./m)	MICRO-SYNC™ AC Female / Male Straight
2	Male  Female 	4A 300V	1-Brown 2-Blue	6 ft. / 1.8 m	**72FMSE006F**
				12 ft. / 3.6 m	**72FMSE012F**
				20 ft / 6.1 m	**72FMSE020F**
3	Male  Female 	4A 300V	1-Brown 2-N/A 3-Blue 4-Black	6 ft. / 1.8 m	**73FMSE006F**
				12 ft. / 3.6 m	**73FMSE012F**
				20 ft / 6.1 m	**73FMSE020F**
4	Male  Female 	4A 300V	1-Brown 2-White 3-Blue 4-Black	6 ft. / 1.8 m	**74FMSE006F**
				12 ft. / 3.6 m	**74FMSE012F**
				20 ft / 6.1 m	**74FMSE020F**
5	Male  Female 	4A 300V	1-Brown 2-White 3-Blue 4-Black 5-Grey	6 ft. / 1.8 m	**75FMSE006F**
				12 ft. / 3.6 m	**75FMSE012F**
				20 ft / 6.1 m	**75FMSE020F**
6	Male  Female 	4A 300V	1-Red/White 2-Red 3-Green 4-Red/Yellow 5-Red/Black 6-Red/Blue	6 ft. / 1.8 m	**76FMSE006F**
				12 ft. / 3.6 m	**76FMSE012F**
				20 ft / 6.1 m	**76FMSE020F**

Made in the USA

SPECIFICATIONS

MATERIALS
Insert Material: Zytel ST801
O-Ring: Nitrile Rubber
Contact: Brass, Gold Plated over Nickel
Shell: Machine Aluminum, Clear Anodized
Lock Nut: Plated Steel
Wire: #22 AWG PVC Insulated 26 x #36 stranding, 80°C

ELECTRICAL
Voltage Rating: 300 VAC
Current Rating: #22 AWG – 2 to 5 Pole – 4A, 6 Pole – 3A / #18 AWG – 5A
Contact Resistance: <5mΩ

ENVIRONMENTAL
Protection: IP68, NEMA 6P
Operating Temp: -20°C to 80°C

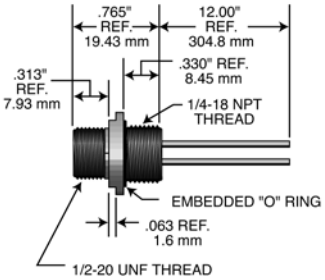
CERTIFICATIONS

OPTIONS
#18 AWG (PVC) Leads
Stainless Steel Shells

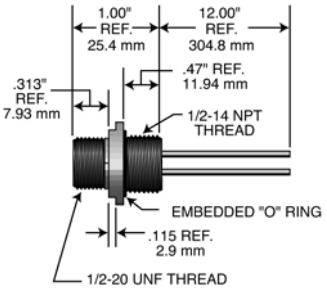
DIMENSIONS

Male Receptacles

1/4" NPT

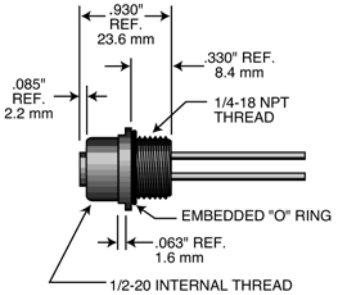


1/2" NPT

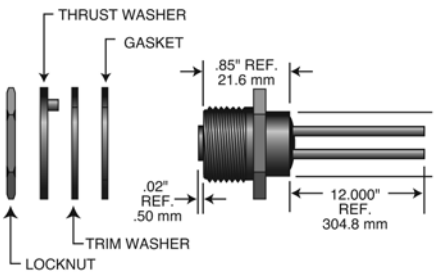


Female Receptacles

1/4" NPT



Back Panel Mount

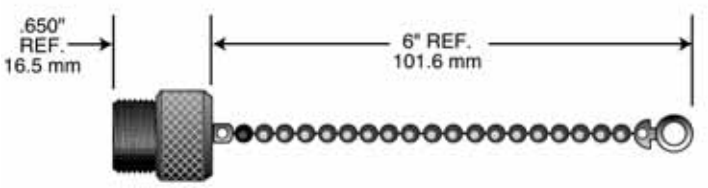


Made in the USA

Poles	Face View	Rating	Wiring Code	Overall Length (ft./m)	MICRO-SYNC™ AC Male 1/2" NPT	MICRO-SYNC™ AC Male 1/4" NPT	MICRO-SYNC™ AC Female 1/4" NPT	MICRO-SYNC™ AC Female Back Panel
2	Male  Female 	4A 300V	1-Brown 2-Blue	12 inches	72MRK2	72MRK1	72FRK1	72FRK3
3	Male  Female 	4A 300V	1-Brown 2-Red/Black 3-Red/White	12 inches	73MRK2	73MRK1	73FRK1	73FRK3
4	Male  Female 	4A 300V	1-Red/Black 2-Red/White 3-Red 4-Green	12 inches	74MRK2	74MRK1	74FRK1	74FRK3
5	Male  Female 	4A 300V	1-Red/White 2-Red 3-Green 4-Red/Yellow 5-Red/Black	12 inches	75MRK2	75MRK1	75FRK1	75FRK3
6	Male  Female 	4A 300V	1-Red/White 2-Red 3-Green 4-Red/Yellow 5-Red/Black 6-Red/Blue	12 inches	76MRK2	76MRK1	76FRK1	N/A

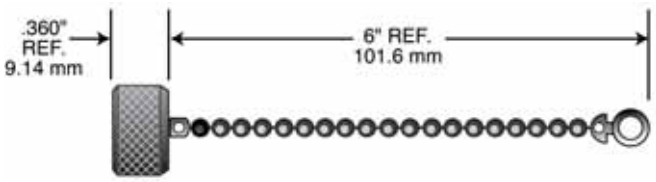
Wire Management Accessories

Closure Caps for Plugs and Receptacles With Internal Threads



Single Key (M12)	Dual Key (1/2-20)
9ETSKCC	7ETDKCC

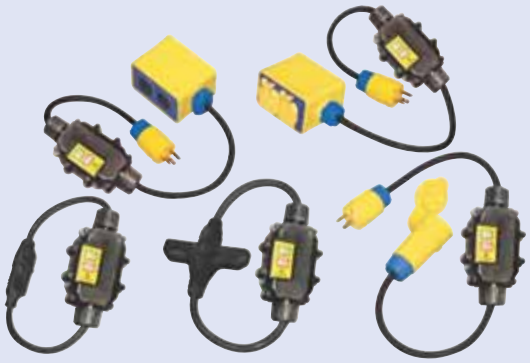
Closure Caps for Plugs and Receptacles With External Threads



Single Key (M12)	Dual Key (1/2-20)
9ITSKCC	7ITDKCC

Made in the USA

Application: Ericson XG2 inline GFCI in the mud.



XG2 Series - Inline GFCI

- cULus Listed
- Heavy duty, industrial, portable GFCI
- Indoor/outdoor use: superior design provides increased resistance to impact, heat, UV exposure, and is water tight
- Buttons are easy to operate and provide enhanced tactile feel and audible feedback
- Circuit conforms to the *NEW* UL 943 standard for safety governing GFCIs
  - Corrosion test ensures greater immunity to damp, corrosive environments
- Many configurations to choose from

1075 Panel Mount GFCI

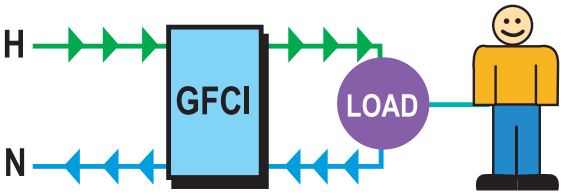
- cULus recognized to UL943 - 2003
- Quick and easy field installation into temporary panels and workboxes
- Compact and portable, this unit is easy to use, store and transport
- NEMA 3R rain rated face
- Meets NEC & OSHA construction site requirements
- Fast response trip time; less than .025 seconds
- Manual & automatic power-up models available
- Test and Reset Buttons are clearly marked for easy identification and each is protected from accidental activation

1060 Series Multiple Outlet GFCI

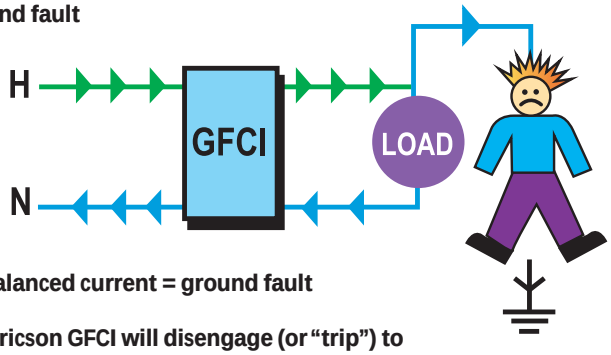
- Polycarbonate, impact resistant enclosure retains its properties under the most extreme environmental conditions
- Unit comes standard with extra hard usage #12/3 SOOW cable
- Meets OSHA construction site requirements
- Fast response trip time; less than .025 seconds
- High intensity NEON indicator lamp glows bright when power is on for easy identification of power status

How a Ground Fault Circuit Interrupter (GFCI) works…

A GFCI is a fast acting circuit opening or breaking device that stops the flow of dangerous current in the event of electrical shock. The GFCI uses precise electronic circuitry to sense the imbalance of the load from the hot and neutral lines. In other words, the GFCI monitors the current flow leaving and coming on both the hot and neutral lines of the circuit. In the event of an imbalance, the GFCI immediately releases the holding relay and breaks both the hot and neutral lines simultaneously thereby stopping the current flow and preventing human injury. The GFCI is not a circuit breaker in that it does not sense the overall load and disconnect in the event of full or excess balanced current flow. The imbalance in current flow can be very small to "trip" a GFCI. Whenever the current flow "going" and "returning" differs more than 5 mA (+/- 1 mA), the GFCI opens the relay stopping the current flow.



Normal balanced current
No ground fault



Imbalanced current = ground fault

An Ericson GFCI will disengage (or "trip") to stop all current flow eliminating this hazard

Beware of "Open Neutrals" and "Reverse Phasing"…

Normally, GFCI receptacles (like those found in your bathroom) can sense ground-faults. However, if the line-side neutral conductor is opened or lifted at a panel, the circuitry in the GFCI receptacles will not have the necessary complete circuit path from which to operate. That means that GFCI is no longer capable of sensing and disengaging. This is called an "open neutral." Anyone using the receptacles protected by the disabled GFCI will not have GFCI protection. And if a faulted tool is connected to the now-unprotected receptacle, the user will be exposed to a shock or electrocution hazard.

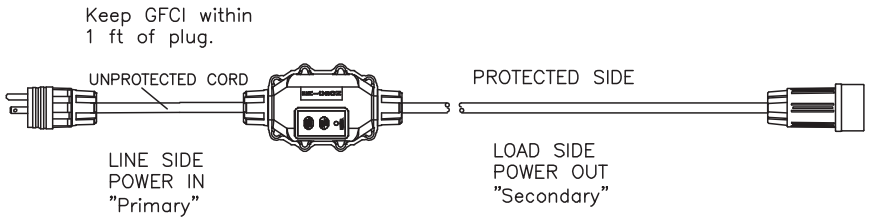
Agency Safety Testing (UL) for Portable Temporary GFCIs and Residential GFCIs is different…

UL 943 is the test standard for GFCIs. However, there is a difference in the requirements for temporary Jobsite GFCIs and the standard residential duplex wall mounted GFCI receptacle. These duplex receptacles are not designed for temporary jobsite power and personnel protection under OSHA, NEC or Canadian C22.2 safety workplace rules. The residential GFCI duplex can still operate with an open neutral condition due to the unlikely condition that the neutral line in a residential permanently wired home will not be loose or removed at the panel. The likelihood of a temporary panel on a jobsite having an incomplete neutral system is more likely and therefore jobsite portable GFCIs need to be able to handle reverse wiring and open neutral conditions.

SAFE CURRENT VALUES	
Milliamperes - 1 or less	**Effect on Average Human** Causes no sensation - not felt, is at threshold of perception.
1 to 8	Sensation of shock. Not painful. Individual can let go at will, as muscular control is not lost. (5mA is accepted as maximum harmless current intensity.)
UNSAFE CURRENT VALUES	
Milliamperes - 8 to 15	**Effect on Average Human** Painful shock. Individual can let go at will, as muscular control is not lost.
16 to 20	Painful shock. Muscular control of adjacent muscles lost. Cannot let go.
21 to 99	Painful. Severe muscular contractions. Breathing is difficult.
100 to 200	Ventricular fibrillation. (A heart condition that may result) Disrupts or changes rhythm of the heart.
200 & over	Severe burns. Severe muscular contractions - so severe that chest muscles clamp heart and stop it during duration of shock. (This prevents ventricular fibrillation.)

Where and How to properly use a GFCI…

GFCIs only sense an imbalance on the load side of the circuit. If the imbalance or path to ground occurs BEFORE the GFCI, then the sensing circuit will not release the relay stopping the current. Because of this fact, you should always place the GFCI as close as possible to the voltage source. Ericson encourages the placement of any GFCI on a cordset to within 1 foot of the primary power plug. This way, there is little cord exposed to damage and not being sensed by the GFCI.



OSHA and the NEC call for the use of GFCIs in all 125 volt 15,20 and 30 amp circuits. Consult your local safety codes for additional GFCI use regulations.

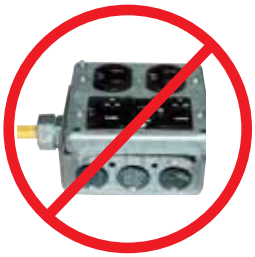
What is the difference between AUTO and MANUAL GFCIs?

The GFCI terms "auto" and "manual" have been in the electrical industry for years. These simple terms refer to the operation of the GFCI when first plugged into a voltage source. These terms have nothing to do with the "tripping and subsequent resetting" of the GFCI. Separate the two main events for a GFCI: (1) Power up mode and (2) Trip and Reset Mode. Power up mode is the condition of the GFCI after being plugged into a correct voltage source.

AUTO - The "auto" GFCI will immediately energize the relay and allow protected voltage to be available at the "load" side of the GFCI. The GFCI has automatically powered up and is ready for use without the assistance of the human pressing any buttons. Think plug-n-play.

MANUAL - On the "manual" GFCI, the RESET button has a dual role in functionality. (1)Powering up the unit and (2)resetting after a fault. The "manual" GFCI operates slightly different in that it requires the human to press the "RESET" (which is operating as a power up button on this unit) so the GFCI can close the relay and operate as required.

RESET - After a "trip" situation, both styles of GFCI require the pressing of the reset button to re-start the GFCI. CAUTION: Only reset a GFCI after an investigation as to the fault cause has been identified and repaired. GFCIs cannot, nor are ever designed to reset themselves automatically.



Metal Gang Box Danger

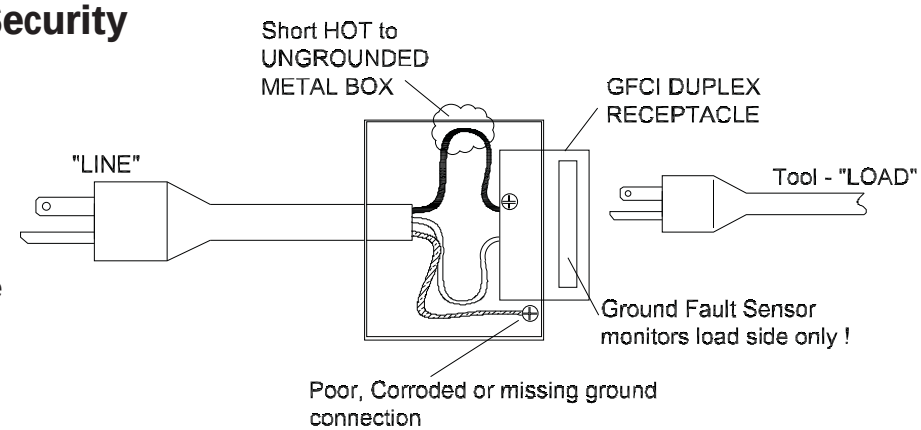
The "traditional" metal gang box on the end of a cord has been a danger for many years.

There are several reasons for the danger:

- Metal boxes are designed for permanently wired installations, not portable temp power.
- No weatherproofing except for outdoor location FS types.
- HOT box danger. (See below)
- Hand Hazard with sharp edges

The GFCI False Sense of Security

As the diagram shows, the metal gang box can have a common situation in which the earth ground is poor or not connected. There can be a hot short to the metal box in which you now have a "hot" box. The short will not trip the circuit breaker nor will the GFCI trip. The GFCI sensor only watches the "load" side of the receptacle, not the line side. The GFCI is worthless in this situation.



XG2 Series - In-Line Industrial Grade GFCI


XG2-12-2B


XG2-12-2BW


XG2-12-2W


XG2-12-2TT


XG2-14-2S

NEMA TYPE 4X & 6P Enclosure:

- Excels in demanding outdoor & in-plant environments
- Provides added protection against ground fault shock hazards in high-risk areas
- Resists hose-directed water

Custom configurations are available for your jobsite or OEM applications. Contact your nearest representative or the factory today!

FEATURES:

- cULus Listed
- Meets NEC & OSHA construction site requirements
- Fully sealed, NEMA type 4X and 6P submersible GFCI body
- 4X and 6P submersible configurations available with Perma-Tite® 2 plug/connector
- Circuit conforms to the UL 943 standard for safety governing GFCIs
- A more stringent voltage surge test ensures the GFCI can handle higher surge current
- Corrosion test ensures greater immunity to damp, corrosive environments
- Enhanced immunity to conducted radio frequency noise reduces nuisance trips
- Works on two-wire or three-wire circuits
- Available in 15A & 20A models
- Up to 1.5 horse-power switch rating
- Available with factory-wired & molded-on devices
- Engineered strain relief protects cord from excessive bending & pulling
- Test & Reset buttons clearly marked for easy identification & recessed to prevent accidental activation
- Automatic & manual power-up models are available
- A wide variety of outlets are available; from molded-on single connector & Tri-Tap™ to Perma-Tite2® devices & Ericson outlet boxes
- Oversized test & reset buttons are easier to operate and provide enhanced tactile feel & audible feedback

Assembled in the USA

4X

6P SUBMERSIBLE

SWITCH RATED UP TO 1.5HP

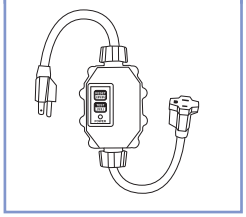
c UL us LISTED

XG2 Series Selection Guide

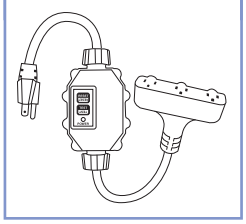
Cat. Number	POWER UP TYPE	LENGTH	PLUG	CONNECTOR	AMPS	WATTS
With Molded-On Plug & Connector						
XG2-14-2S	AUTO	2	MLD 5-15	MLD 5-15	15	1875
XG2-14-25S		25		MLD 5-15		
XG2-12-2TT		2		MLD 5-15 TRI		
XG2-12-50TT		50		MLD 5-15 TRI		
With Factory-Wired Perma-Grip™ Plug & Connector or Molded Plug						
XG2-12-2G	AUTO	2	5-20 1512-PG	5-20 1612-CG	20	2500
XG2-12-2G-15	AUTO	2	MLD 5-15	5-15 1610-CG	15	1875
XG2-12-2G-MR-15	MANUAL	2	MLD 5-15	5-15 1610-CG	15	1875
XG2-12-2G-LKG	AUTO	2	5-20 2310-PG	5-20 2410-CG	20	2500
XG2-12-2G-MR-LKG	MANUAL	2	5-20 2310-PG	5-20 2410-CG	20	2500
XG2-12-2G-MR	MANUAL	2	5-20 1512-PG	5-20 1612-CG	20	2500
XG2-12-10G	AUTO	10	5-20 1512-PG	5-20 1612-CG	20	2500
XG2-12-10G-MR	MANUAL	10	5-20 1512-PG	5-20 1612-CG	20	2500
XG2-12-25G	AUTO	25	5-20 1512-PG	5-20 1612-CG	20	2500
XG2-12-25G-15	AUTO	25	MLD 5-15	5-15 1610-CG	15	1875
XG2-12-25G-MR-15	MANUAL	25	MLD 5-15	5-15 1610-CG	15	1875
XG2-12-25G-LKG	AUTO	25	5-20 2310-PG	5-20 2410-CG	20	2500
XG2-12-25G-MR-LKG	MANUAL	25	5-20 2310-PG	5-20 2410-CG	20	2500
XG2-12-25G-MR	MANUAL	25	5-20 1512-PG	5-20 1612-CG	20	2500
XG2-12-50G	AUTO	50	5-20 1512-PG	5-20 1612-CG	20	2500
With Factory-Wired Perma-Tite® Plug & Connector						
XG2-12-2W	AUTO	2	5-20 1512-PW6P	5-20 1612-CW6P	20	2500
XG2-12-2W-15	AUTO	2	5-15 1510-PW6P	5-15 1610-CW6P	15	1875
XG2-12-2W-MR-15	MANUAL	2	5-15 1510-PW6P	5-15 1610-CW6P	15	1875
XG2-12-2W-LKG	AUTO	2	L5-20 2310-PW6P	L5-20 2410-CW6P	20	2500
XG2-12-2W-MR-LKG	MANUAL	2	L5-20 2310-PW6P	L5-20 2410-CW6P	20	2500
XG2-12-2W-MR	MANUAL	2	5-20 1512-PW6P	5-20 1612-CW6P	20	2500
XG2-12-10W	AUTO	10	5-20 1512-PW6P	5-20 1612-CW6P	20	2500
XG2-12-10W-MR	MANUAL	10	5-20 1512-PW6P	5-20 1612-CW6P	20	2500
XG2-12-10W-MR-15	MANUAL	10	5-15 1510-PW6P	5-15 1610-CW6P	15	1875
XG2-12-10W-LKG	AUTO	10	L5-20 2310-PW6P	L5-20 2410-CW6P	20	2500
XG2-12-10W-MR-LKG	MANUAL	10	L5-20 2310-PW6P	L5-20 2410-CW6P	20	2500
XG2-12-25W	AUTO	25	5-20 1512-PW6P	5-20 1612-CW6P	20	2500
XG2-12-25W-15	AUTO	25	5-15 1510-PW6P	5-15 1610-CW6P	15	1875
XG2-12-25W-MR-15	MANUAL	25	5-15 1510-PW6P	5-15 1610-CW6P	15	1875
XG2-12-25W-LKG	AUTO	25	L5-20 2310-PW6P	L5-20 2410-CW6P	20	2500
XG2-12-25W-MR-LKG	MANUAL	25	L5-20 2310-PW6P	L5-20 2410-CW6P	20	2500
XG2-12-25W-MR	MANUAL	25	5-20 1512-PW6P	5-20 1612-CW6P	20	2500
XG2-12-50W	AUTO	50	5-20 1512-PW6P	5-20 1612-CW6P	20	2500
XG2-12-50W-MR	MANUAL	50	5-20 1512-PW6P	5-20 1612-CW6P	20	2500
XG2-12-50W-LKG	AUTO	50	L5-20 2310-PW6P	L5-20 2410-CW6P	20	2500
XG2-12-50W-MR-LKG	MANUAL	50	L5-20 2310-PW6P	L5-20 2410-CW6P	20	2500

Notes: 1. All cord is SJT. 2. All product is rated 120 volts.

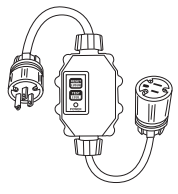
XG2-14-2S



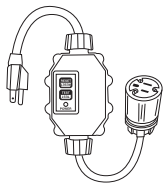
XG2-12-2TT



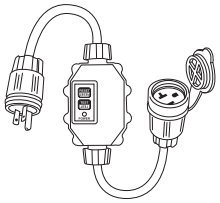
XG2-12-2G



XG2-12-2G-15



XG2-12-2W



6P SUBMERSIBLE

All "W" Models Have Perma-Tite® Water Tight Plugs & Connectors

c UL us LISTED

SWITCH RATED UP TO 1.5HP

6P SUBMERSIBLE

4X

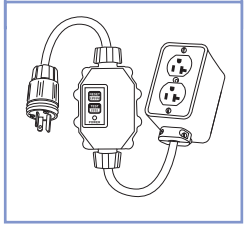
Assembled in the USA

XG2 Series Selection Guide

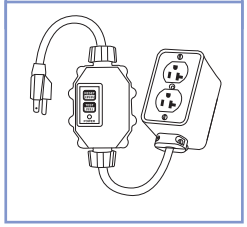
Cat. Number	POWER UP TYPE	LENGTH	PLUG	CONNECTOR	AMPS	WATTS
With Molded-On Plug & Connector						
With Factory-Wired 6000 Box, Two Duplex Receptacles & Perma-Grip™ Plug or Molded Plug						
XG2-12-2B	AUTO	2	5-20 1512-PG	(2) 5-20 DUPLX	20	2500
XG2-12-2B-15	AUTO	2	MLD 5-15	(2) 5-15 DUPLX	15	1875
XG2-12-2B-MR-15	MANUAL	2	MLD 5-15	(2) 5-15 DUPLX	15	1875
XG2-12-2B-MR	MANUAL	2	5-20 1512-PG	(2) 5-20 DUPLX	20	2500
XG2-12-10B	AUTO	10	5-20 1512-PG	(2) 5-20 DUPLX	20	2500
XG2-12-10B-MR	MANUAL	10	5-20 1512-PG	(2) 5-20 DUPLX	20	2500
XG2-12-25B	AUTO	25	5-20 1512-PG	(2) 5-20 DUPLX	20	2500
XG2-12-25B-15	AUTO	25	MLD 5-15	(2) 5-15 DUPLX	15	1875
XG2-12-25B-MR-15	MANUAL	25	MLD 5-15	(2) 5-15 DUPLX	15	1875
XG2-12-25B-MR	MANUAL	25	5-20 1512-PG	(2) 5-20 DUPLX	20	2500
XG2-12-50B	AUTO	50	5-20 1512-PG	(2) 5-20 DUPLX	20	2500
XG2-12-50B-MR	MANUAL	50	5-20 1512-PG	(2) 5-20 DUPLX	20	2500
XG2-12-50B-15	AUTO	50	MLD 5-15	(2) 5-15 DUPLX	15	1875
XG2-12-50B-MR-15	MANUAL	50	MLD 5-15	(2) 5-15 DUPLX	15	1875
With Factory-Wired 6100 Box, Two Duplex Receptacles & Perma-Tite® Plug						
XG2-12-2BW	AUTO	2	5-20 1512-PW6P	(2) 5-20 DUPLX	20	2500
XG2-12-2BW-15	AUTO	2	5-15 1510-PW6P	(2) 5-15 DUPLX	15	1875
XG2-12-2BW-MR-15	MANUAL	2	5-15 1510-PW6P	(2) 5-15 DUPLX	15	1875
XG2-12-2BW-MR	MANUAL	2	5-20 1512-PW6P	(2) 5-20 DUPLX	20	2500
XG2-12-10BW	AUTO	10	5-20 1512-PW6P	(2) 5-20 DUPLX	20	2500
XG2-12-10BW-MR	MANUAL	10	5-20 1512-PW6P	(2) 5-20 DUPLX	20	2500
XG2-12-25BW	AUTO	25	5-20 1512-PW6P	(2) 5-20 DUPLX	20	2500
XG2-12-25BW-15	AUTO	25	5-15 1510-PW6P	(2) 5-15 DUPLX	15	1875
XG2-12-25BW-MR-15	MANUAL	25	5-15 1510-PW6P	(2) 5-15 DUPLX	15	1875
XG2-12-25BW-MR	MANUAL	25	5-20 1512-PW6P	(2) 5-20 DUPLX	20	2500
XG2-12-50BW	AUTO	50	5-20 1512-PW6P	(2) 5-20 DUPLX	20	2500
XG2-12-50BW-MR	MANUAL	50	5-20 1512-PW6P	(2) 5-20 DUPLX	20	2500
XG2-12-50BW-15	AUTO	50	5-15 1510-PW6P	(2) 5-15 DUPLX	15	1875
XG2-12-50BW-MR-15	MANUAL	50	5-15 1510-PW6P	(2) 5-15 DUPLX	15	1875
Molded Plug with blunt end for equipment wiring						
XG2R-12-2BS-15	AUTO	2	MLD5-15	BLUNT	15* *Due to plug rating Plug can be removed. Unit rated for 20A max.	1875
XG2R-12-10BS-15		10				
XG2R-12-25BS-15		25				
XG2R-12-50BS-15		50				

NOTES: XG2 models with blunt end are UL & cUL recognized.

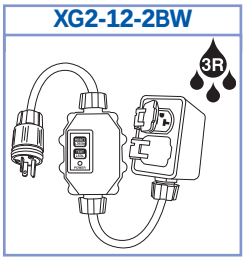
XG2-12-2B



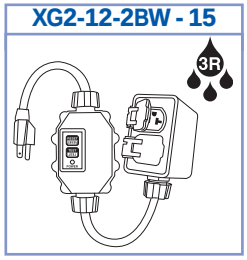
XG2-12-2B-15



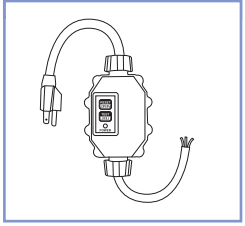
XG2-12-2BW



XG2-12-2BW - 15



XG2R-12-_BS-15



Assembled in the USA

4X

6P SUBMERSIBLE

SWITCH RATED UP TO 1.5HP

c UL us LISTED

1075 Panel Mount GFCI

Safety Note: Although receptacle GFCIs appear to provide full-protection, they do not protect against open-neutral hazards! When the line-side neutral is open (which is not an unusual occurrence in temporary wiring installations) receptacle GFCI contacts are mechanically closed and the "hot" wire is still conducting electricity through the load side, which means you risk serious injury. Ericson's panel mount GFCIs DO protect against open neutral hazards, which is why they - and ALL Ericson GFCIs - meet UL, NEC and OSHA requirements.

FEATURES:

- UL & cUL recognized
- Quick and easy field installation into temporary panels and workboxes
- Compact & portable, this unit is easy to use, store and transport
- Works on two or three wire circuits
- Meets OSHA construction site requirements
- Fast response trip time; less than .025 seconds
- Molded polycarbonate enclosure is corrosion and impact resistant, and stands up to the toughest jobsite conditions
- Manual & automatic power-up models available
- Test and Reset Buttons are clearly marked for easy identification and each is protected from accidental activation
- High intensity NEON indicator lamp glows bright when power is on for easy identification of power status

Specifications:

Material

- Enclosure: UV rated Polycarbonate

Electrical

- Power-up type: Manual or automatic
- Trip level: 4-6mA
- Trip time: less than 25ms (0.025 seconds)
- Leakage current in 93% relative humidity: Zero
- Operating voltage: 120VAC nominal rating (85% to 110% of rated voltage: 102V-132V)
- Low voltage let go: 40% rated voltage
- Grounded neutral detection: 2 ohms or less
- Frequency: 60Hz
- Overload current: 120Amps, inductive 50% Power factor, 1 second
- Radio frequency noise susceptibility: Operates normally with 0.5 VRMS, 10-450Mhz, injected on power lines
- Voltage surge withstand: 6KV impulse, 0.5 microsecond rise time, 100Khz ringing frequency with 40% decay per cycle
- Dielectric voltage withstand:
  - 1500 VRMS between line & load (across contacts)
  - 2500 VRMS between current carrying conductors and ground conductor
  - 4000 VRMS between current carrying conductors and enclosure

Mechanical

- Color: Black Enclosure
- Power Status Indicator: Lighted NEON
- Contact Size: 0.200" dia.
- Contact Latching: Electro-mechanical

Environmental

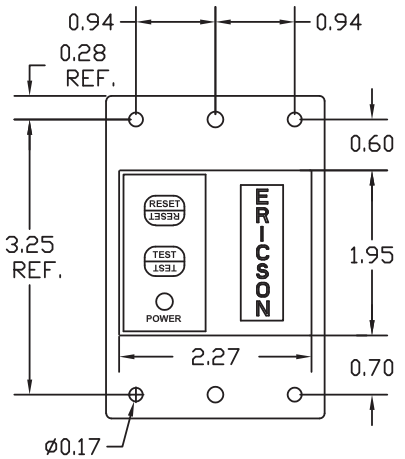
- Operating Temperature Range: -35 °C to +66 °C
- UL94 5V flammability

Selection Guide

Catalog Number	Type*	Description	Volts	Amps	Watts
1075-MR	Manual	Panel mount GFCI	120V	20A	2400
1075-AR	Auto	Panel mount GFCI			

*Power up mode

TYPICAL PANEL CUTOUT.



1060 Series - Multiple Outlet GFCI 120V/20 Amp

1 GFCI & 2 Duplexes

1060 Series

FEATURES:

- Polycarbonate, Impact resistant enclosure retains its properties under the most extreme environmental conditions
- Spring-loaded flip lids protect outlets from jobsite contaminants when not in use
- Unit comes standard with extra hard usage #12/3 SOOW cable
- Meets OSHA construction site requirements
- Fast response trip time; less than .025 seconds
- Test and Reset Buttons are clearly marked for easy identification and each is protected from accidental activation
- High intensity NEON indicator lamp glows bright when power is on for easy identification of power status
- Class A with open neutral protection
- Rugged 600 V SOOW cord
- Tamper proof enclosure
- Call factory for custom configuration

Selection Guide

Catalog Number	Type	Outlets	Primary Cord		Plug	Volts	Amps	Watts
			Length	Type				
1060	Auto	(4) NEMA 5-15 15A, 120Volt Straight Blade	6'	#12/3 SOOW	5-15	120	15	1800
1061	Auto	(4) NEMA L5-15 15A, 120Volt Locking	6'	#12/3 SOOW	L5-15	120	15	1800
1062	Auto	(4) NEMA 5-20 20A, 120Volt Straight Blade	6'	#12/3 SOOW	5-20	120	20	2400

Note: 1. Contact customer service if manual power-up is required.

Made in the USA

FEATURES:

- Fully sealed, NEMA 6P submersible body
- All-weather pushbuttons
- Many options available
- Pick your NEMA configuration
- Custom lengths available

XG2 Customizing

BODY
- Custom stamped
- Color

SECONDARY SIDE
- Cord length (some restrictions apply)
- Connector or Box
- Lights not recommended for GFCI circuits

Primary Side

- Plug type
- Cord Lengths over 1 ft. are not available
- Plug color

Application: Ericson 5000 Series reels and 6102 weather resistant portable power boxes in use at a lumber yard.

24/7 Emergency Assistance Hotline
1-877-OSCAR99 (672-2799)

2900 Series - Light Duty Cord Reels

- Light duty bright yellow cord reel with steel housing
- Ideal for use in machine shops, automotive garages and commercial and light industrial workshops
- Reel mounts to wall or ceiling
- 2 ft. primary cord with molded-on NEMA 5-15 plug provides wide reach to plug in to nearest receptacle

3000 Series - Light Duty Reels

- Commercial duty black cord reel
- High impact, corrosion resistant non-metallic housing
- Ideal for use in commercial/industrial workshops, auto garage & machine shops
- Reel mounts to wall or ceiling
- Reel swivels 180° to cover wide range work area
- Compact size allows mounting in tight spaces- Only 6" wide x 11" diameter
- Available with NEMA 5-15 Tri-Tap™ outlets or fluorescent handlamp

4000 Series - Industrial

- UL Listed & CSA certified
- Ideal for Indoor and Outdoor Use - NEMA 4 Rated
- Compact Size (12.75"H x 7.75"W - 18 lbs. less cable)
- Heavy Formed Steel Stand (5/16" - thick)
- Available in 3 and 4 Conductors (incl. dedicated ground)
- All-Steel Pawl and Ratchet with 4 Locking Positions
- Automatic Locking Ratchet With lockout Lever Option

5000 Series - Large Cable Cord Reels

- UL Listed & CSA certified
- Ideal for Indoor and Outdoor use (wet or dry)
- Weatherproof NEMA 4X Slip Ring Enclosure
- Heavy All-Steel Construction
- Formed Steel Stand with Multiple Mounting Holes
- 35 Amp/600 Volt Slip Ring
- Available in Welding & Grounding Reel Version
- Supplied with Type SOW or SOOW Cable installed

6000/7000 Series - Extra Long Cord Reels

- Built to NEMA 4 Standards/CSA certified
- Excellent performance in industrial indoor and outdoor applications (wet or dry)
- Standard two-piece roller-guide design for maintainability, with a 345º mounting range
- Reels are sized to handle Type SOW, Type W or Type G cable
- Add an extra 7 feet of cable for hookup/safety wrap, as well as an extra 10% of total travel length for stretch applications

8000 Series - Hazardous Location Reels

- UL Listed
- Enclosures are designed to comply with requirements for Class I, Div 1 - Groups C & D and Class II, Groups F & G
- Built to NEC standards
- Indoor or outdoor use
- Rugged fabricated steel and cast aluminum construction
- 30 Amp / 600 Volt advanced slip ring assembly

EXPLOSION PROOF!

FEATURES:

- Light duty bright yellow cord reel with steel housing
- Ideal for use in machine shops, automotive garages and commercial and light industrial workshops
- Reel mounts to wall or ceiling
- 2 ft. primary cord with molded-on NEMA 5-15 plug provides wide reach to plug in to nearest receptacle
- Reel comes with incandescent or fluorescent handlamp
- Ratchet lock holds cord at desired position

2900 Series Selection Guide

Cord GA., #Cond. & Type	Length		
#16/3 SJT #18/2 SJT	30' 40'	**2900**	**2910**
Specifications:			
Volts		120	120
Amps		10	7
Handlamp:			
Wattage		100 watt	13 watt
Switch		Yes	Yes
Side Outlet		Yes	

3163-50-AL

3143-50-TT

FEATURES:

- Commercial duty black cord reel
- High impact, corrosion resistant non-metallic housing
- Ideal for use in commercial/industrial workshops, automotive garage & machine shops
- Reel mounts to wall or ceiling
- Reel swivels 180° to cover wide range work area
- Compact size allows mounting in tight spaces- Only 6" wide x 11" diameter
- Ratchet lock holds cord at desired position
- Available with NEMA 5-15 Tri-Tap™ outlets or fluorescent handlamp
- Installation kit comes complete with instruction sheet, mounting bracket and all the hardware needed for a complete installation
- Circuit breaker to prevent overload

3000 Series Cord Reel Selection Guide

	Angle Light	Tri-Tap Outlet
		
Non-metallic Housing with:		
With 50-ft. of cable	**3163-50-AL**	**3143-50-TT**
SPECIFICATIONS:		
Cord Size	#16/3	#14/3
Cord Type	SJT	SJTW
Circuit Breaker	8 Amps	13 Amps
Cord Outlets	N/A	(3) NEMA 5-15
Primary: Cord Length	2 ft.	2 ft.
Power Switch in Handlamp Handle	Yes	–
Side Outlet in Handlamp Handle	(1) NEMA 5-15	–
Bulb Wattage	26 watt	–
Bulb Included	Yes	–
Ballast Location	Handle	–

3200 Series - Light Duty Cord Reels

3210-30-TT

3200-30-TT

FEATURES:

- Built-in, Tangle-free Operation
- Simple One Tug Retraction
- (3) Grounded Outlets
- Resettable Circuit Breaker Protection
- 30' Length, Fully Retractable
- Heavy Duty 14/3 Cord
- Wall or Ceiling Mount
- Metal Construction
- Powder Coated Surfaces
- General Purpose 16/3 Option

Ericson's 3200 Series of Light Duty Cord Reels provide quick, convenient access to facility power in an easy to wall or ceiling mount configuration. The built-in tangle free operation reduces trip hazards and simplifies clean-up with a quick tug of the cord.

Flexible power cord options provide a customizable approach based on specific facility demands and work-site requirements. Multiple grounded outlets, combined with easily resettable circuit breaker protection, supports multiple tool operation while delivering safe operation.

The 3200 Series is ideal for a wide range of applications including:

- Industrial Workshops
- Trade Schools
- Automotive Repair

3200 Series Cord Reel Selection Guide

Model Number	3210-30-TT	3200-30-TT
Cord Type	SJTW	SJT
Guage	14/3	16/3
Cord Length	30 feet	30 ft.
Total Maximum Rating	1625 W, 13A, 125V	1250 W,10A, 125V
Maximum Power	1625W	1250W
Maximum Current	13A	10A
Maximum Voltage	125V	125V
Number of Outlets	3 NEMA 5-15R	3 NEMA 5-15R
Master Pack	4	4
Master Pack Weight	38.2 Lbs.	34.9 Lbs.

4000 Series

5000 Series

6000 Series

7000 Series

8000 Series

Selection Guide

Standard Reel Offering	4000	5000	6000	7000	8000
Certification	**UL/CSA**	**UL/CSA**	**CSA**	**CSA**	**UL**
Lift/Drag Application	Standard	Standard	Standard	Standard	Standard
Ball Stop included	Yes	Yes	Yes	Yes	Yes
Ratchet Installed	Yes	Yes	Yes	Yes	Yes
Primary Power Cord & Plug attached to Reel	Yes - Molded plug matches amp rating of cord/reel	No - must run conduit and hardwire	No - must run conduit and hardwire	No - must run conduit and hardwire	No - must run conduit a nd hardwire
SJ Cord Type	Standard	Not available	Not available	Not available	Not available
SO Cord Type	By part number designation only -SO	Standard	Standard	Standard	Standard - XP locations must have SO cable per NEC
Blunt Secondary	Standard	Standard	Standard	Standard	Standard
Add-ons installed - Lights - Power Boxes - Single Connectors	Per part number & cord size limitations	Per part number & cord size limitations	Per part number & cord size limitations	Per part number & cord size limitations	XP Type only - Per part number & cord size limitations
Stretch/Retrieve No Ball Stop No Ratchet installed	Not available	Custom RFQ Only	Custom RFQ Only	Custom RFQ Only	Custom RFQ Only
Cord Type - Standard	#16/3 SJOW to #12/4	#16/3 SOW to #10/6	#16/3 SOW #10/4	#16/4 SOW to #10/4	#16/3 SOW to #14/4
Electrical Rating (Amps @ 120V)	10A to 20A	5A to 25A	8A to 25A	12A to 25A	8A to 20A
Lengths Available	25 to 50 Ft	20 to 70 ft	70 to 150 ft	125 to 150 Ft	20 to 50 ft

Note: 1. Consult factory for listings/certification status when priced with outlet, plug or light accessories.

- Ideal for Indoor and Outdoor Use - NEMA 2 rating noted below
- Compact Size (12.75" H x 7.75"W - 18 lbs. less cable)
- Heavy Formed Steel Stand (5/16" - thick)
- Available in 3 and 4 Conductors (incl. dedicated ground)
- All-Steel Pawl and Ratchet with 4 Locking Positions
- Automatic Locking Ratchet With lockout Lever Option
- Adjustable / Removable Steel Cable Guide (3/16" - thick)
- Low-Friction, 4-roller cable guide
- Adjustable Ball Stop Included
- 6' Feeder Cord (Note: Molded plug included on all 3 conductor cables, 4 conductor cable supplied without plug)
- Slip Ring: 30 Amps, 600 Volts
- Available with and without handlamps or receptacle box pre-installed
- Add ratchet and ball stop included

USE WITH LED, CFL OR INCANDESCENT BULBS

Use up to 150W bulbs

4000 Series Cord Reel Selection Guide

12 Gauge = SJOOW 14 Gauge = SJEOW 16 Gauge = SOW Only	Reel w/ Cable Only		944-RS Handlamp	744-RS Handlamp	900 Handlamp
	See Table	SOW Cable			
Reels with 3-Conductor Cable					
with 25-ft. of #16/3 AWG	4163-25	4163-25SO		4163-25-HS	
with 35-ft. of #16/3 AWG	4163-35	4163-35SO		4163-35-HS	
with 50-ft. of #16/3 AWG	4163-50	4163-50SO		4163-50-HS	
with 30-ft. of #14/3 AWG	4143-30	4143-30SO	4143-30-HSS	4143-30-HS	4143-30-F
with 40-ft. of #14/3 AWG	4143-40	4143-40SO	4143-40-HSS	4143-40-HS	4143-40-F
with 50-ft. of #14/3 AWG	4143-50	See 5000 Series Reels	4143-50-HSS	4143-50-HS	4143-50-F
with 25-ft. of #12/3 AWG	4123-25	4123-30S0 (30')	4123-25-HSS	4123-25-HS	4123-25-F
with 50-ft. of #12/3 AWG	4123-50		4123-50-HSS	4123-50-HS	4123-50-F
Reels with 4-Conductor Cable					
with 35-ft. of #16/4 AWG	4164-35	4164-35SO			
with 50-ft. of #16/4 AWG	4164-50	4164-50SO			
with 35-ft. of #14/4 AWG	4144-35				
with 25-ft. of #12/4 AWG	4124-25	4124-25SO			
with 35-ft. of #12/4 AWG	4124-35				
SPECIFICATIONS:					
Electrical Ratings	300V	600V			
Reels with AWG #16/3,#16/4	10A, 8A	10A, 8A	125v/10A	125v/10A	125v/2A
Reels with AWG #14/3, #14/4	15A,12A	15A,12A	125v/15A	125v/15A	125v/2A
Reels with AWG #12/3, #12/4	20A,16A	20A, 16A	125v/20A	125v/20A	125v/2A
Cord Type	SJOW	SOW	SJOW	SJOW	SJOW
Power Switch in Handlamp Handle	–	–	Yes	Yes	Yes
Side Outlet in Handlamp Handle	–	–	Yes	No	No
Guard Material	–	–	Zinc Plated Steel	Zinc Plated Steel	Non-Metallic
Handle Material	–	–	Vinyl Nitrile Rubber	Vinyl Nitrile Rubber	Vinyl Nitrile Rubber
Bulb Wattage	–	–	Compatible with LED, CFL & Incandescent		13 Watt Fluorescent
Bulb Included	–	–			

Orange = NEMA 2 Green = NEMA 4

Note: 1. Consult factory for listings/certification status when priced with outlet, plug or light accessories.

6000 Outlet Box (2) NEMA 5-15 Duplex Receptacles (Non-GFCI)	6000 Outlet Box (2) NEMA 5-20R Duplex Receptacles (Non-GFCI)	6029 Extra-Deep Outlet Box (1) NEMA 5-15 Duplex Recpt. & (1) NEMA 5-15 GFCI duplex Recpt.	NEMA 5-15C Connector Perma-Link®	NEMA 5-20C Connector Perma-Grip™
4143-30-B		4143-30-BG	4143-30-1610	
4143-40-B		4143-40-BG	4143-40-1610	
4143-50-B		4143-50-BG	4143-50-1610	
4123-25-B	4123-25-B20	4123-25-BG	4123-25-1610	4123-25-1612CG
4123-30S0-B				
4123-50-B	4123-50-B20	4123-50-BG	4123-50-1610	4123-50-1612CG
125v/10A 125v/15A 125v/20A SJOW – – – – – –		125v/10A 125v/15A 125v/20A SJOW – – – – – –	125v/10A 125v/15A 125v/20A SJOW – – – – – –	

5000 Series

FEATURES:

- Ideal for indoor and outdoor use
- Weatherproof NEMA 4X slip ring enclosure
- Heavy all-steel construction
- Numbered terminal blocks for simplified hookup
- Formed steel stand with multiple mounting holes
- Guide arm (4-roller, adjustable to 12 positions for efficient cable storage)
- Ratchet - positive lock including constant tension feature
- 35 Amp/600 volt slip ring
- Available in welding & grounding reel version
- Supplied with Type SOOW cable installed
- Primary feeder cord with watertight cable gland supplied with reel
- Ratchet & ball stop included

5000 Series Cord Reels Selection Guide

SOW Cable Gauge & Conductors - 600V						
	Amp Rating	**20'**	**30'**	**40'**	**50'**	**60'**
16/3	10A	**5163-20**	**5163-30**	**5163-40**	**5163-50**	**5163-60**
16/4	8A	**5164-20**	**5164-30**	**5164-40**	**5164-50**	**5164-60**
16/6	8A	**5166-20**	**5166-30**	**5166-40**	**5166-50**	
16/8	7A	**5168-20**	**5168-30**	**5168-40**	**5168-50**	
16/10	5A	**51610-20**	**51610-30**	**51610-40**		
16/12	5A	**51612-20**	**51612-30**	**51612-40**		
14/3	15A	**5143-20**	**5143-30**	**5143-40**	**5143-50**	**5143-60**
14/4	12A	**5144-20**	**5144-30**	**5144-40**	**5144-50**	**5144-60**
14/6	12A	**5146-20**	**5146-30**	**5146-40**	**5146-50**	
14/8	10.5A	**5148-20**	**5148-30**			
14/10	7.5A	**51410-20**				
12/3	20A	**5123-20**	**5123-30**	**5123-40**	**5123-50**	**5123-60**
12/4	16A	**5124-20**	**5124-30**	**5124-40**	**5124-50**	
12/6	16A	**5126-20**	**5126-30**			
12/8	14A	**5128-20**				
10/3	25A	**5103-20**	**5103-30**	**5103-40**	**5103-50**	
10/4	20A	**5104-20**	**5104-30**	**5104-40**	**5104-50**	
10/6	20A	**5106-20**	**5106-30**			

For Reel Dimensions, refer to the end of this section.

Add-Ons - Add to Base Part Number (Call for Details)

-BG-20
Not for #16 AWG

-1612-PWDX
20 Amp
5-20R
Slot 1612-PWDX
(Not for #16 AWG)

-HSS
Handlamp for
any 3-wire cord
(Not for #16 AWG)

-F
13 watt
Fluorescent
Handlamp

6000 Series

7000 Series

FEATURES:

- Excellent performance in industrial indoor and outdoor applications (wet or dry)
- Built to NEMA 4 Standards
- Heavy all-steel construction
- Standard two-piece roller-guide design for maintainability, with a 345º mounting range
- Safety-sealed, lifetime lubricated spring motor canister
- Generously sized slip ring housing with fully articulating brushes for flawless contact in adverse conditions
- Variety of ring amp ratings from 35-150 Amps
- Reels are sized to handle Type SOW, Type W or Type G cable
- Add an extra 7 feet of cable for hookup/safety wrap, as well as an extra 10% of total travel length for stretch applications
- Primary power conductors supplied with reel
- Ratchet & ball stop included

6000 & 7000 Series Cord Reels Selection Guide

SOW Cable Gauge & Conductors							
	Amp Rating	**70'**	**80'**	**90'**	**100'**	**125'**	**150'**
16/3	10	**6163-70**	**6163-80**	**6163-90**	**6163-100**	**6163-125**	**6163-150**
16/4	8	**6164-70**	**6164-80**	**6164-90**	**6164-100**	**6164-125**	**7164-150**
14/3	15	**6143-70**	**6143-80**	**6143-90**	**6143-100**	**6143-125**	**7143-150**
14/4	12	**6144-70**	**6144-80**	**6144-90**	**6144-100**	**7144-125**	**7144-150**
12/3	20	**6123-70**	**6123-80**	**6123-90**	**6123-100**	**7123-125**	**7123-150**
12/4	16	**6124-70**	**6124-80**	**6124-90**	**6124-100**	**7124-125**	
10/3	25	**6103-70**	**6103-80**	**6103-90**	**6103-100**	**7103-125**	
10/4	20	**6104-70**	**6104-80**	**6104-90**	**6104-100**	**7104-125**	

Note: 1. Consult factory for listings/certification status when priced with outlet, plug or light accessories.
2. For Reel Dimensions, refer to the end of this section.

Add-Ons - Add to Base Part Number (Call for Details)

-1612-PWDX
(not for #16 AWG)

1612-PWDX
NEMA 5-20 T Slot

+

-B

6000 Box

+

-BG20
(not for #16 AWG)

6000 Box
GFCI

+

-HSS

944-RS

+

-F

900

USE WITH LED, CFL OR INCANDESCENT BULBS

Use up to 150W bulbs

Add a Hazardous Handlamp for a Complete System

2600
100W
Incandescent

2500
26W
Fluorescent

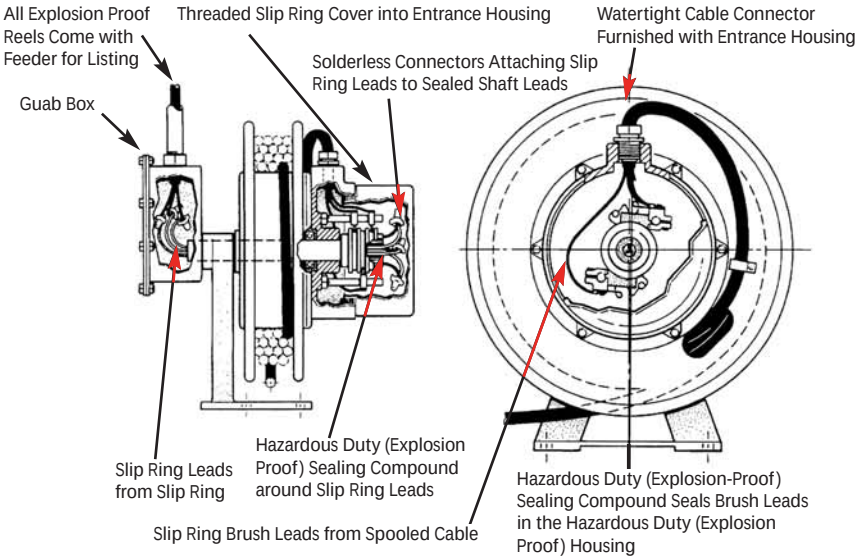
FEATURES:

- Enclosures are designed to comply with requirements for Class I, Div 1 - Groups C & D and Class II, Groups F & G
- Built to NEC standards
- Indoor or outdoor use
- Rugged fabricated steel and cast aluminum construction
- 30 Amp / 600 Volt advanced slip ring assembly
- Threaded junction box and slip ring enclosure
- SOW-A cable on factory assembled models
- Spring activated ratchet
- 4-roller adjustable cable guide
- Maximum dimensions: 14 1/2"H x 14 1/2"W x 17"D
- Note: 5 additional feet of cable required for safety wrap and hookup

8000 Series Hazardous Duty Reel Selection Guide

SOW Cable Gauge & Conductors	Length of Cable	Reel with Cable Only	Reel w/ Hazardous Duty Handlamp	
			2600	2500
16/3	20'	8163-20	8163-20-XPI	8163-20-XPF
16/3	40'	8163-40	8163-40-XPI	8163-40-XPF
16/3	50'	8163-50	8163-50-XPI	8163-50-XPF
16/4	20'	8164-20		
16/4	40'	8164-40		
16/4	50'	8164-50		
14/3	20'	8143-20	8143-20-XPI	8143-20-XPF
14/3	40'	8143-40	8143-40-XPI	8143-40-XPF
14/3	50'	8143-50	8143-50-XPI	8143-50-XPF
14/4	20'	8144-20		
14/4	40'	8144-40		
14/4	50'	8144-50		

Note: 1. Consult factory for listings/certification status when priced with outlet, plug or light accessories.



EXPLOSION PROOF!

FEATURES:

- Built to NEC Standards
- For indoor use only
- Rugged all steel construction
- Compact Design
- Mounts in any position
- Red epoxy coated finish
- Feet are unpainted for maximum electrical contact
- Resistance not exceeding 0.3 OHMS
- Aircraft type cable: 3/32" diameter standard steel
- 100 Amp grounding clamp
- Automatic locking ratchet with lockout feature for constant tension
- Refueling grounding

Static discharge reels are used to ground equipment operating in hazardous atmospheres, such as fuel trucks or carts transferring flammable materials. When properly clamped to ground, the static discharge reel dissipates static electrical buildup, reduces chances of sparking and the potential for explosion.

Selection Guide

Cable Length	Resistance (ohms)	Description	Catalog Number
50 ft.	0.3	Single Cable	**SDR-50**

FEATURES:

- Ericson 5000 Series Reels are now available for grounding applications where longer cables are needed
- Ball stop included
- 4-roller guide adjustable cable guide
- Auto locking ratchet for constant tension
- 100 amp grounding clamp included
- Resistance not exceeding 2 Ohms
- Handles static charges safely
- Coated cable

Selection Guide

Cable Length	Description	Catalog Number
100 ft.	Single Cable with orange nylon jacket	**SDR-100**

345º Pivot Base

PB-45

FEATURES:

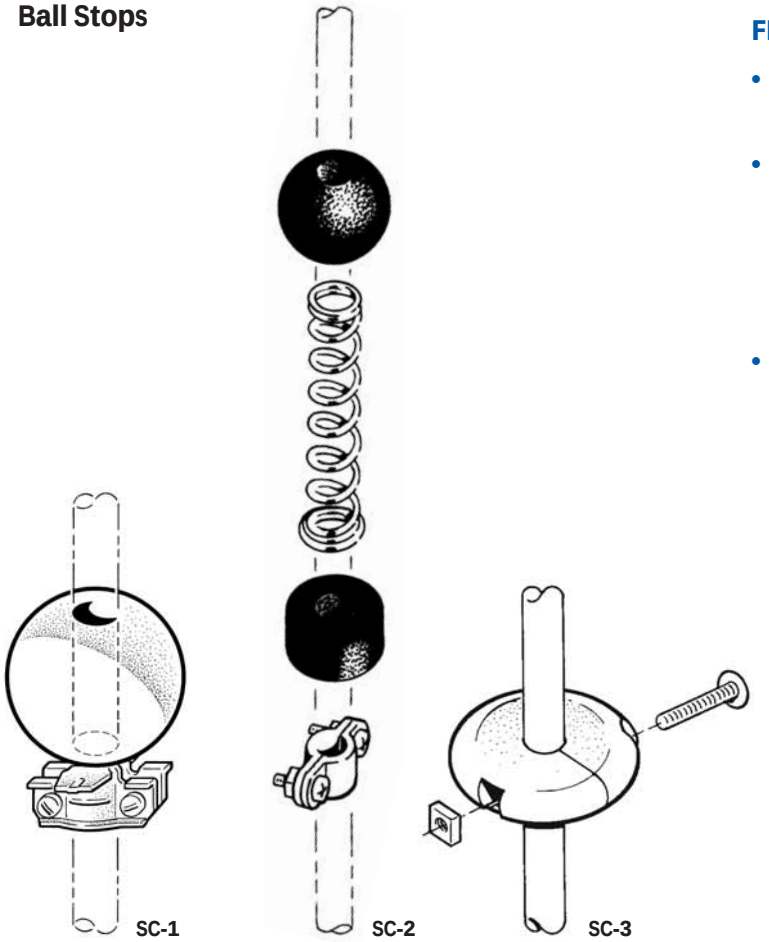
- Use our pivot base to customize your reel mounting for your specific application
- All steel base
- Lifetime bearing (never needs lubrication)
- Swing can be restricted to 90º, 180º, and 270º
- Anodized clear finish

The Pivot Base allows reels to rotate up to 345 degrees left to right. The unit bolts to the base of the reel in the field.

Selection Guide

Catalog Number	Reels
PB-45	4000-5000
PB-67	6000-7000

Ball Stops



SC-1 SC-2 SC-3 SC-4 SC-5 SC-6 SC-7

FEATURES:

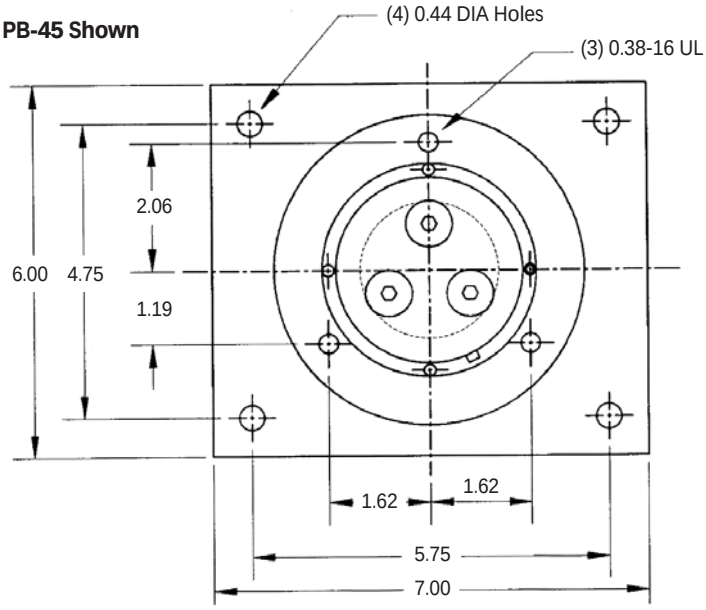
- Also referred to as "cable stops", "bumper stops", or "hose stops"
- Generally used for manually operated lift and drag applications to govern retraction length Stops are required when accessories such as handlamps and receptacle boxes are installed on cable reels
- Suitable for all Ericson Cable reels

Selection Guide

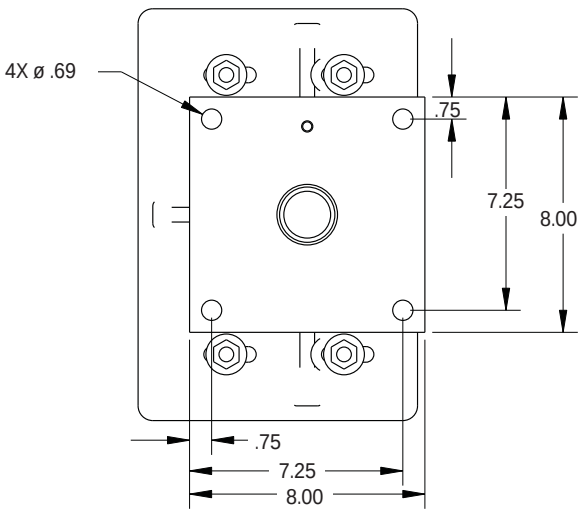
Catalog Number	Description
SC-1	For cable O.D. ranges 0.188" to 0.438"
SC-2	For cable O.D. ranges 0.188" to 0.438" with shock absorbing spring bumper
SC-3	For cable ranges 0.438" to 0.624"
SC-4	For cable ranges 0.625" to 0.749"
SC-5	.75" to 1.05"
SC-6	1.06" to 1.38"
SC-7	1.39" to 1.55

345º Pivot Base

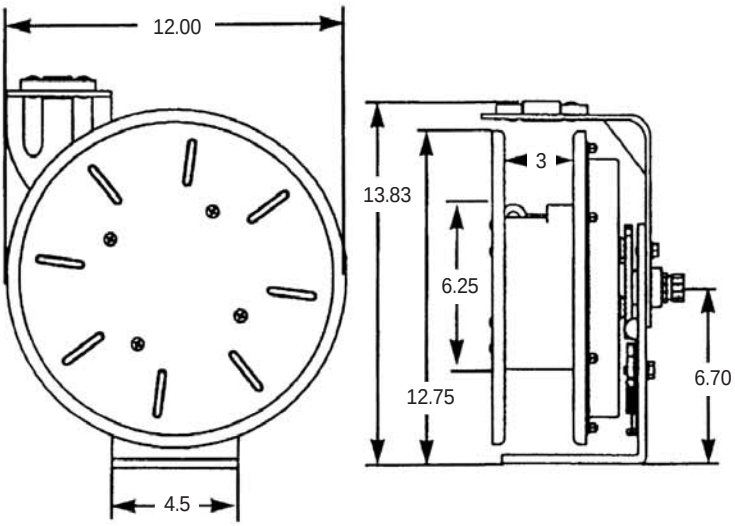
PB-45 Shown

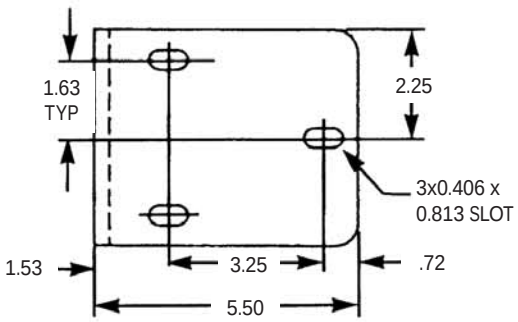


PB-67 Shown



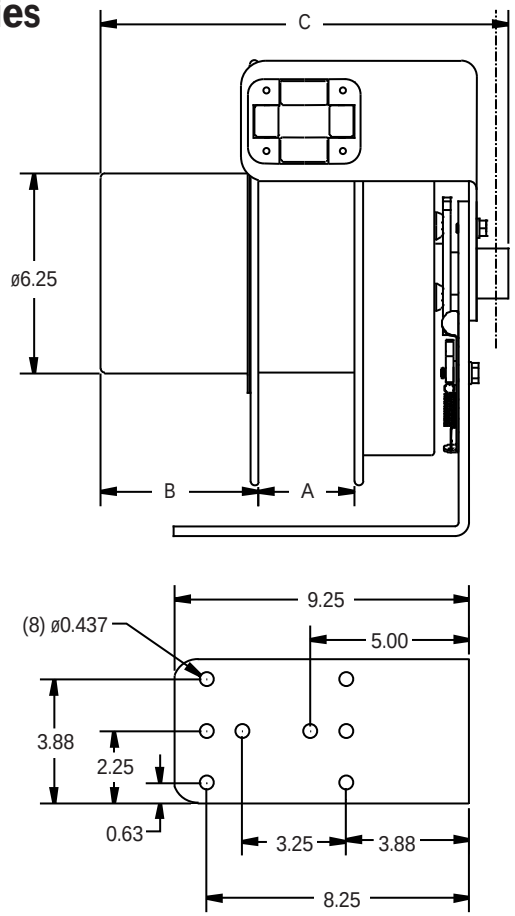
4000 Series

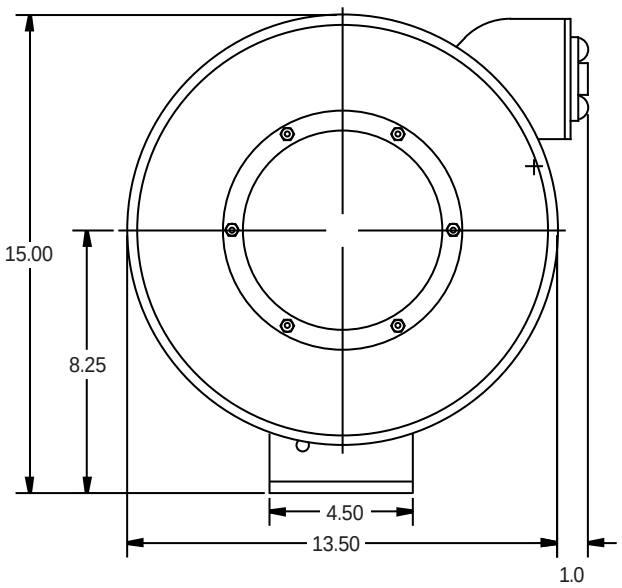




Mounting
Pattern

5000 Series

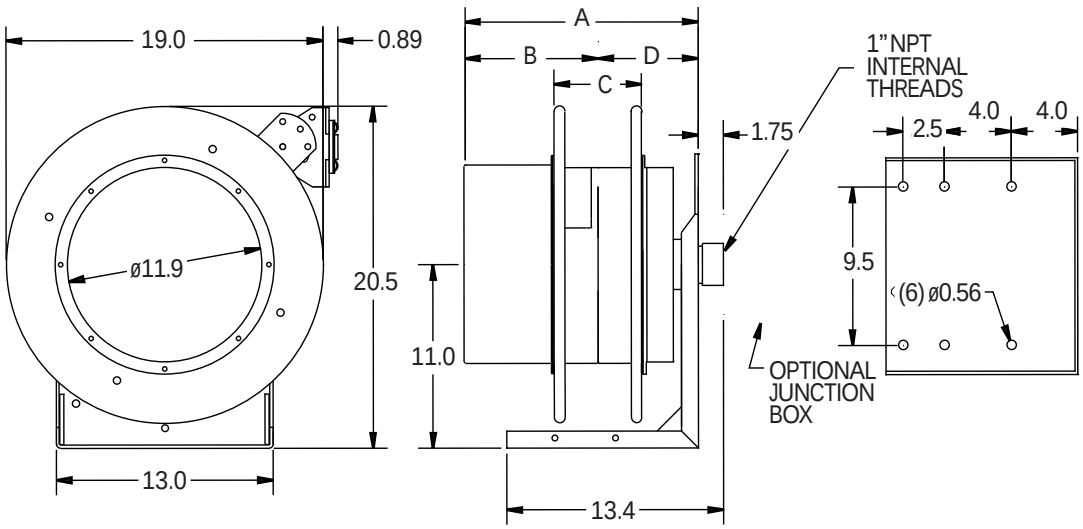




A = 3" TO 6"
B = 3.5" TO 8.5"
C = 13" TO 18"

6000 Series

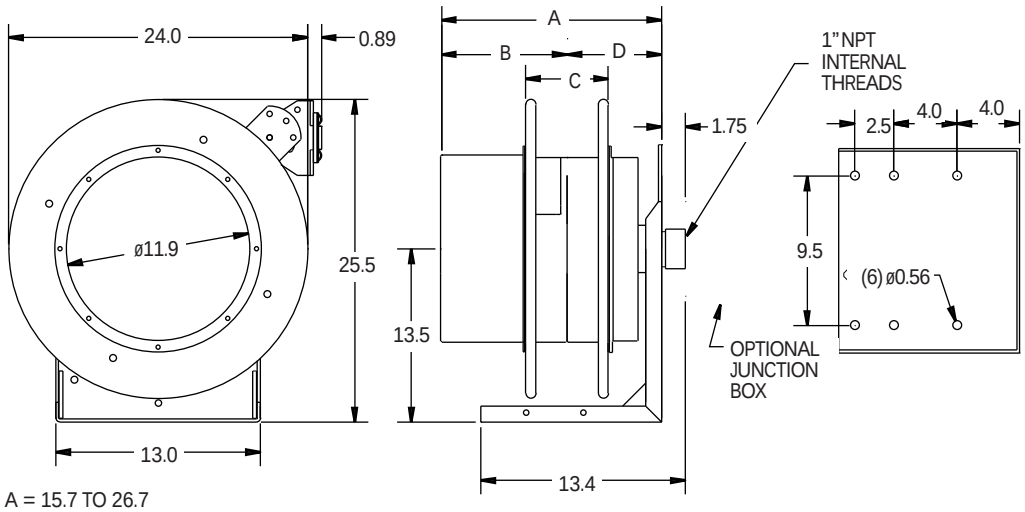
3 AND 4 CONDUCTOR REELS HAVE
THE SMALLEST DIMENSIONS



A = 15.7 TO 26.7
B = 8 TO 17.8
C = 5.5 OR 7.9
D = 6 OR 7.3
JUNCTION BOX DEPTH = 2.25 TO 5.25

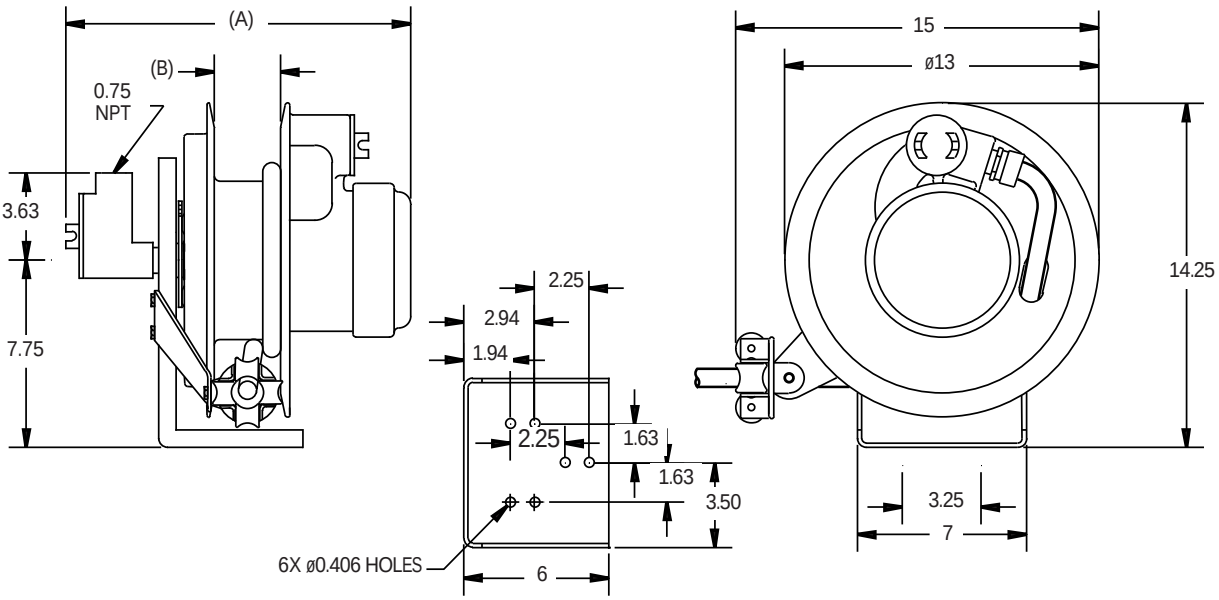
7000 Series

3 AND 4 CONDUCTOR REELS HAVE THE SMALLEST DIMENSIONS



A = 15.7 TO 26.7
B = 8 TO 17.8
C = 5.5 OR 7.9
D = 6 OR 7.3
JUNCTION BOX DEPTH = 2.25 TO 5.25

8000 Series



DIM. A = 14.27 TO 16.95
DIM. B = 2.73 TO 4.92

24/7 Emergency Assistance Hotline
1-877-OSCAR99 (672-2799)

5500 Series General Duty

- NEMA TYPEs 1, 3, 4, 4X and 12
- IP65 suitability enclosure ratings
- Available in 2 to 12 button configurations
- Single- and two-speed models
- Neoprene boots surround buttons to seal out dirt and moisture
- Two-piece enclosure simplifies field wiring
- Contacts rated at 5A/120VAC and 5A/240VAC
- 2 Amps at 12V/24DC
- Double insulated 2500V withstand voltage
- 100 g shock resistance
- Ambient temperature rated 5˚F to 160˚ F (-15˚ to 70˚C) operation

5502 PG Series Compact Pistol Grip

- Single speed 5A, 125V max contact block
- Compact, lightweight, ergonomic design
- Weighs only 10 ounces
- Less than 2" wide
- Made of high impact ABS resin
- High visibility safety yellow color
- Internal button seals

5503 - Pistol Grip Style with E-Stop Features

- Compact design, ergonomically designed with operators comfort in mind.
- Available with 1, 2, or 3, speed buttons
- High impact ABS resin, safety yellow, NEMA 4 enclosure
- Multi-diameter cable busing inlet
- Equipped with interior and exterior anchor for either internal or external strain relief wire
- Contacts rated at 5A/240VAC
- Uses 5503 style switches only
- Contacts rated at 5A at 240V

5502/5500-PG Series Compact Pistol Grip Pendant Station

Applications Include simple ON & OFF operations. Normally "opposite" operations are used with this type. Any operation can be performed as wired correctly. UP, Down, Left, Right, Start, Stop, MIX,POUR are all examples of opposite operations.

- Two button and two button with E-Stop
- Nema 4 rated
- Not food grade or hose down rated
- Not rated for hazardous location or refueling use
- Internal seals on buttons
- Button covers pop off to change legend labels
- Lightweight and economy priced simple switching
- 1 year limited warranty

5500 Series Single, Dual & Variable Speed Pendant Stations

The 5500 Series uses sets of two buttons to build ever increasing sized stations. From 2 button to 12 button pendants, this series is the work horse of the 5500 Series. The design is more rugged than the 5500-PG series with rubber button boots and housing seals. NEMA 4X rated, these pendants can be used outdoors with confidence. With a wide variety of switches and controls that can be installed, this series is the best of rugged design and economically priced pendants.

- Rubber booted buttons keeps out rain, dirt and debris
- Large choice of switches
- EZ to repair and replace switches
- Sealed housings with gasket and stainless steel fasteners
- Can be customized with indicators, lights and warning horn button
- Not rated for hazardous locations or refueling use
- Bright yellow enclosure ensures visible recognition
- Tough electrical contacts rated for thousands of operations
- Button cover legends are easy to change
- Each unit comes complete with:
  - o Two cable glands for popular sized cables
  - o Complete legend sheet with all popular operations
  - o Electrical ring crimp terminals for wire connection to switches
- 1 year limited warranty

Assembled in the USA

5502 PG Series Compact Pistol Grip Pendant Station

Ericson's pistol grip pendant stations are ideal for controlling industrial cranes and hoists and for remote jog operation of industrial machines.

- Single speed 5A, 125V max contact block
- Compact, lightweight, ergonomic design
- Weighs only 10 ounces
- Less than 2" wide
- Made of high impact ABS resin
- High visibility safety yellow color
- Internal button seals
- NEMA TYPE 4 waterproof rating
- Internal and external strain relief
- Variable diameter cable bushing with clamp accommodates a wide range of cable sizes
- Easy-to-push pressure switches
- 50 g shock resistance
- Ambient temp 5˚F to 160˚F (-15˚C to +50˚C)

5502-PG

5503 - Pistol Grip Style with E-Stop Features:

- Compact design, ergonomically designed with operators comfort in mind.
- Available with 1, 2, or 3, speed buttons
- High impact ABS resin, safety yellow, NEMA 4 enclosure
- Multi-diameter cable busing inlet
- Equipped with interior and exterior anchor for either internal or external strain relief wire
- Contacts rated at 5A/240VAC
- Uses 5503 style switches only
- Contacts rated at 5A at 240V

5503-PG

General Specifications

Standards	
Ambient Temperature	-15° C - +50°C
Enclosure	ABS Safety Yellow
Vibration Resistance	10g From 10-55 Hz
Shock Resistance	50g
Environmental Protection	NEMA Type 4
Mechanical Life	AC15 2A & 110V-500,000 Operations
Electrical Rating	General Purpose, 120V, 5A
Pilot Rating	UL Pilot Duty B150
Insulation Withstand	2500VAC/1 Min.
Contact Resistance	Less Than 100 Milli-OHM
Weight	10 oz.
Legends	Standard Up/Down. Others Available
Push Button Force	2 Lbs.

	Switch Positions		
Part #	1	2	3
5502-PG	1 NO	1NO	
	mom	mom	
	Interlocked		
5503-PG	1 NC	1 NO	1NO
	maint	mom	mom
	e-stop button	Interlocked	
Switch #	55S26	55S08	
5503-PG-2	1 NC	2 NO 2 SPD	2 NO
	maint	mom	mom
	e-stop button	Interlocked	
Switch #	55S26	55S15	
5503-PG-3	1 NC	1 NC + 3 NO 3 SPD	1 NC + 3NO
	maint	mom	mom
	e-stop button	Interlocked	
Switch #	55S26	55S17	

Assembled in the USA

5500 Series Single, Dual & Variable Speed Pendant Stations

- NEMA TYPEs 1, 3, 4, 4X and 12
- IP65 suitability enclosure ratings
- Available in 2 to 12 button configurations
- Single- and two-speed models
- Neoprene boots surround buttons to seal out dirt and moisture
- Two-piece enclosure simplifies field wiring
- Soft pressure and positive indent switches provide optimum tactile feedback so you can feel when switch has been engaged
- Contacts rated at 5A/120VAC and 5A/240VAC
- 2 Amps at 12V/24DC
- Double insulated 2500V withstand voltage
- 100 g shock resistance
- Ambient temperature rated 5˚F to 160˚ F (-15˚ to 70˚C) operation

Cable Packing Gland
Furnished with bushing insures water tight seal.

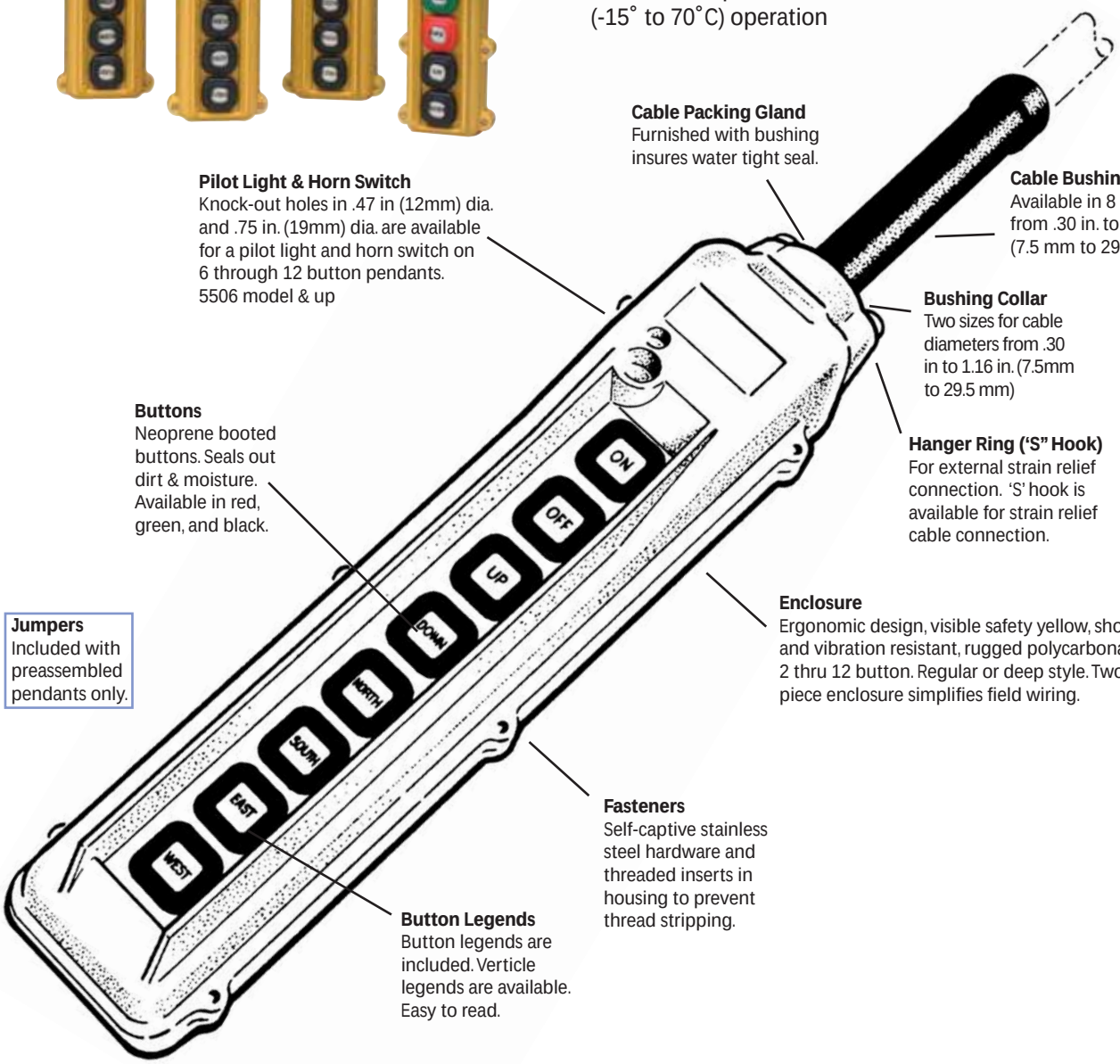
Cable Bushings
Available in 8 sizes from .30 in. to 1.16 in. (7.5 mm to 29.5 mm)

Pilot Light & Horn Switch
Knock-out holes in .47 in (12mm) dia. and .75 in. (19mm) dia. are available for a pilot light and horn switch on 6 through 12 button pendants. 5506 model & up

Bushing Collar
Two sizes for cable diameters from .30 in to 1.16 in. (7.5mm to 29.5 mm)

Buttons
Neoprene booted buttons. Seals out dirt & moisture. Available in red, green, and black.

Hanger Ring ('S" Hook)
For external strain relief connection. 'S' hook is available for strain relief cable connection.



Jumpers
Included with preassembled pendants only.

Enclosure
Ergonomic design, visible safety yellow, shock and vibration resistant, rugged polycarbonate. 2 thru 12 button. Regular or deep style. Two piece enclosure simplifies field wiring.

Fasteners
Self-captive stainless steel hardware and threaded inserts in housing to prevent thread stripping.

Button Legends
Button legends are included. Verticle legends are available. Easy to read.

	POSITIONS											
Part #	1	2	3	4	5	6	7	8	9	10	11	12
5502	1 NO	1 NO										
	mom	mom										
	Interlocked											
	55S08											
5502-2	2 NO 25PD	2 NO										
	mom	mom										
	Interlocked											
	55S15											
5504	1 NO	1NO	1 NO	1NO								
	mom	mom	mom	mom								
	Interlocked		Interlocked									
	55S08		55S08									
5504-A	1 NO Start	Stop	1 NO+1NC	1 NO+1NC								
	maint	mom	mom	mom								
	Interlocked		Interlocked									
	55S01		55S09									
5504-E	1 NC	blank	1 NO+1NC	1 NO+1NC								
	maint		mom	mom								
	e-stop button		Interlocked									
	55S26		55S09									
5506	1 NO Start	Stop	1 NO	1NO	1 NO	1NO						
	maint	mom	mom	mom	mom	mom						
	Interlocked		Interlocked		Interlocked							
	55S01		55S08		55S08							
5506-A	1 NO Start	Stop	1 NO+1NC	1 NO+1NC	1 NO+1NC	1 NO+1NC						
	maint	mom	mom	mom	mom	mom						
	Interlocked		Interlocked		Interlocked							
	55S01		55S09		55S09							
5506-E	1 NC	blank	1 NO+1NC	1 NO+1NC	1 NO+1NC	1 NO+1NC						
	maint		mom	mom	mom	mom						
	e-stop button		Interlocked		Interlocked							
	55S26		55S09		55S09							
5508	1 NO Start	Stop	1 NO	1NO	1 NO	1NO	1 NO	1NO				
	maint	mom	mom	mom	mom	mom	mom	mom				
	Interlocked		Interlocked		Interlocked		Interlocked					
	55S01		55S08		55S08		55S08					
5508-A	1 NO Start	Stop	1 NO+1NC	1 NO+1NC	1 NO+1NC	1 NO+1NC	1 NO+1NC	1 NO+1NC				
	maint	mom	mom	mom	mom	mom	mom	mom				
	Interlocked		Interlocked		Interlocked		Interlocked					
	55S01		55S09		55S09		55S09					
5508-E	1 NC	blank	1 NO+1NC	1 NO+1NC	1 NO+1NC	1 NO+1NC	1 NO+1NC	1 NO+1NC				
	maint		mom	mom	mom	mom	mom	mom				
	e-stop button		Interlocked		Interlocked		Interlocked					
	55S26		55S09		55S09		55S09					
5510	1 NO Start	Stop	1 NO	1NO	1 NO	1NO	1 NO	1NO	1 NO	1NO		
	maint	mom	mom	mom	mom	mom	mom	mom	mom	mom		
	Interlocked		Interlocked		Interlocked		Interlocked		Interlocked			
	55S01		55S08		55S08		55S08		55S08			
5512	1 NO Start	Stop	1 NO	1NO	1 NO	1NO	1 NO	1NO	1 NO	1NO	1 NO	1 NO
	maint	mom	mom	mom	mom	mom	mom	mom	mom	mom	mom	mom
	Interlocked		Interlocked		Interlocked		Interlocked		Interlocked		Interlocked	
	55S01		55S08		55S08		55S08		55S08		55S08	

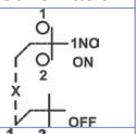
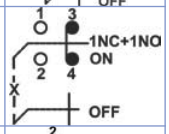
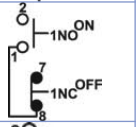
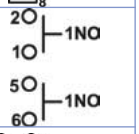
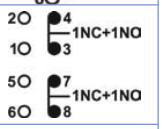
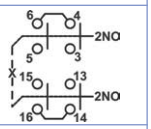
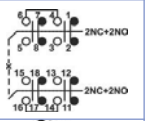
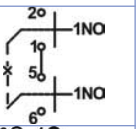
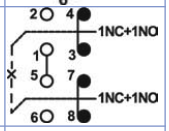
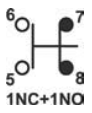
This chart shows the common complete ready-to-use 5500 pendant stations. The switches and their actions (mechanical and electrical) are shown with each button position. Use this chart to select full pendants. Use the custom pendant page for building your own pendant.

Complete pendants come with all items shown

Bushing Sizes

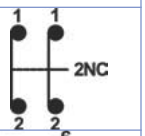
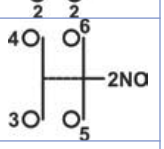
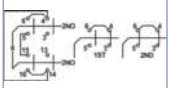
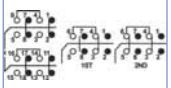
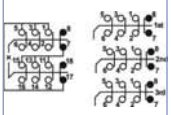
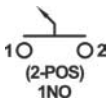
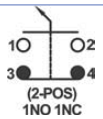
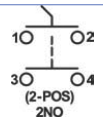
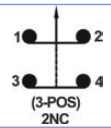
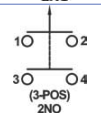
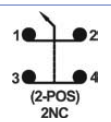
Pendant Part #	Bushing Part#	Cable Diameter.
5502	55CG1	0.30 - 0.41
5502-2	55CG1	0.30 - 0.41
5504	55CG2	0.30 - 0.41
5504-A	55CG2	0.41 - 0.53
5504-E	55CG2	0.41 - 0.53
5506	55CG3	0.52 - 0.65
5506-A	55CG3	0.52 - 0.65
5506-E	55CG3	0.52 - 0.65
5508	55CG3	0.52 - 0.65
5508-A	55CG3	0.52 - .065
5508-E	55CG4	0.64 - 0.77
5510	55CG4	0.64 - 0.77
5512	55CG4	0.64 - 0.77

Note: Please refer to the following page for more bushing sizes

EMC Pn#	Buttons	Contact Config	Speed	Action	2 Button Interlock	Electrical Contact Schematic
55S01	2	1 NO / OFF	1	MAINT	YES	
55S02	2	1 NC + 1 NO / OFF	1	MAINT	YES	
55S03	2	1 NO / 1 NC	1	MOM	NO	
55S04	2	1 NO / 1 NO	1	MOM	NO	
55S05	2	1 NC + 1 NO / 1 NC + 1 NO	1	MOM	NO	
55S06	2	2 NO / 2 NO	1	MOM	YES	
55S07	2	2 NC + 2 NO / 2 NC + 2 NO	1	MOM	YES	
55S08	2	1 NO / 1 NO	1	MOM	YES	
55S09	2	1 NC + 1 NO / 1 NC + 1 NO	1	MOM	YES	
55S10	1	1 NC	1	MOM		
55S11	1	1 NO	1	MOM		
55S12	1	1 NC + 1 NO	1	MOM		

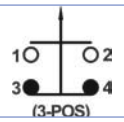
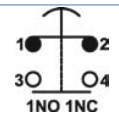
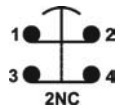
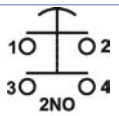
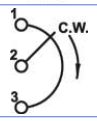
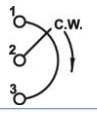

55S08


55S01

EMC Pn#	Buttons	Contact Config	Speed	Action	2 Button Interlock	Electrical Contact Schematic
55S13	1	2 NC	1	MOM		
55S14	1	2 NO	1	MOM		
55S15	2	2 NO 2 SPD / 2NO	2	MOM	YES	
55S16	2	2 NO + 2 NC 2 SPD / 2 NO + 2 NC	2	MOM	YES	
55S17	2	1NC + 3 NO 3 SPD / 1NC + 3 NO	3	MOM	YES	
55S18	SELECTOR	1 NC 2 POS		MAINT SELECT		
55S19	SELECTOR	1 NO 2 POS		MAINT SELECT		
55S20	SELECTOR	1 NO + 1 NC 2 POS		MAINT SELECT		
55S21	SELECTOR	2 NO 2 POS		MAINT SELECT		
55S22	SELECTOR	2 NC 3 POS CNTR OFF		MAINT SELECT		
55S23	SELECTOR	2 NO 3 POS CNTR OFF		MAINT SELECT		
55S24	SELECTOR	2 NC 2 POS		MAINT SELECT		

55S08

55S01

EMC Pn#	Buttons	Contact Config	Speed	Action	Electrical Contact Schematic
55S25	SELECTOR	1 NO 1 NC 3 POS CNTR OFF		MAINT SELECT	
55S26	e-STOP	1 NC		PUSH LOCK - Twist Release	
55S27	e-STOP	1 NO		PUSH LOCK - Twist Release	
55S28	e-STOP	1 NO + 1 NC		PUSH LOCK - Twist Release	
55S29	e-STOP	2 NC		PUSH LOCK - Twist Release	
55S30	e-STOP	2 NO		PUSH LOCK - Twist Release	
55S31	VAR POT RES	1K OHMS		VARIABLE TURN	
55S32	VAR POT RES	2K OHMS		VARIABLE TURN	
55S33	BLANK	BLANK PLATE			

E-Stop

55S26

Variable Pot Iometer

55S31

Blank Plate

55S33

5500 Electrical Jumpers

EMC CATALOG P/N	DESCRIPTION
55J1	80-1 Small jumper for use with 34294 & 34295 - connects 1 to 5
55J2	80-2 Speed switch common jumper - used to connect commons between 1, 2, 3 spd and on/off switches
55J3	80-3 2 Speed jumper - used on 2 spd switches to connect 6 to 4 and 14 to 16
55J4	80-4 3 Speed jumper - used on 3 spd switches to connect term 18 of two adjacent
55J5	80-12 2 Speed common jumper - used to connect 5 to 15 on 2 spd switches

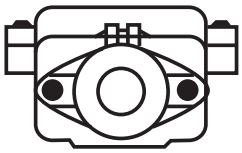
55J1

55J2

EMC CATALOG P/N	BUTTON SPACING	Description	BUSHING COLLAR SIZE
55EN02	2	2 BUTTON ENCLOSURE	A
55EN04	4	4 BUTTON ENCLOSURE	A
55EN06	6	6 BUTTON ENCLOSURE	A
55EN06D	6	6 BUTTON DEEP BACK ENCLOSURE	A
55EN06H	6	6 BUTTON LARGE HOLE ENCLOSURE	D
55EN06HD	6	6 BUTTON LG HOLE & DEEP BACK ENCLOSURE	D
55EN08	8	8 BUTTON ENCLOSURE	A
55EN08D	8	8 BUTTON DEEP BACK ENCLOSURE	A
55EN08H	8	8 BUTTON LARGE HOLE ENCLOSURE	D
55EN08HD	8	8 BUTTON LG HOLE & DEEP BACK ENCLOSURE	D
55EN10	10	10 BUTTON ENCLOSURE	A
55EN10D	10	10 BUTTON DEEP BACK ENCLOSURE	A
55EN10H	10	10 BUTTON LARGE HOLE ENCLOSURE	D
55EN10HD	10	10 BUTTON LG HOLE & DEEP BACK ENCLOSURE	D
55EN12	12	12 BUTTON ENCLOSURE	A
55EN12D	12	12 BUTTON DEEP BACK ENCLOSURE	A
55EN12H	12	12 BUTTON LARGE HOLE ENCLOSURE	D
55EN12HD	12	12 BUTTON LG HOLE & DEEP BACK ENCLOSURE	D

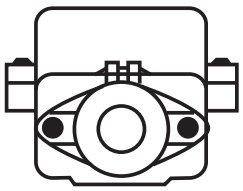
Notes on ordering enclosures for 5500 Series:

1. Deep Enclosures – use these for multi-wire cords (ie 12 or more conductors) with size over 20AWG (16AWG is most typical).
2. Enclosures come complete with front and back covers, seal and capture screws.
3. Enclosures do not come with top strain relief assemblies – order separately.
4. These enclosures are for replacement only.
5. Pendant repair should be performed only by an authorized repair electrician or technician.



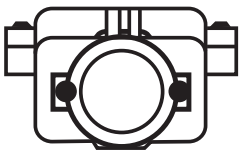
Standard Back
Cable 0.D.
7.5 -19.5mm
.29 - .76 in

A



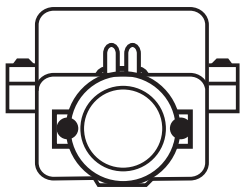
Deep Back
Cable 0.D.
7.5 -19.5mm
.29 - .76 in

A



Standard Back
Cable 0.D.
19.3 - 29.5mm
.75 - 1.16 in

D



Deep Back
Cable 0.D.
19.3-29.5mm
.75 - 1.16 in

D

5500 Glands & Bushing Kits

EMC CATALOG P/N	DESCRIPTION
55CG1	CABLE GLAND .34 - .41*
55CG2	CABLE GLAND .41 - .53*
55CG3	CABLE GLAND .52 - .65*
55CG4	CABLE GLAND .64 - .77*
55CG5	CABLE GLAND .76 - .89**
55CG6	CABLE GLAND .88 - 1.0**
55CG7	CABLE GLAND 1.0 - 1.12**
55CG8	CABLE GLAND 1.11 - 1.16**

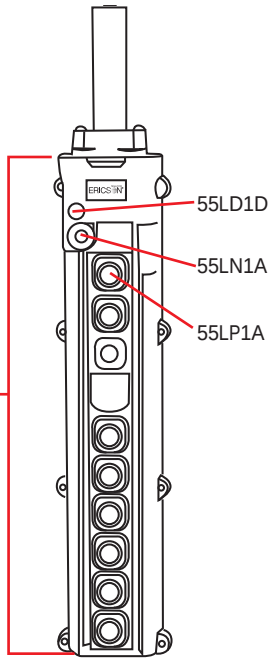
*For use with type "A" enclosures
**For use with type "D" enclosures

55CG2

5500 Lights

EMC CATALOG P/N	DESCRIPTION
	For small location 1
55LD1D	SM RED LED PILOT 12MM 12VDC
	For larger location 2 - not button location
55LN1A	SM RED NEON PILOT 19MM 110VAC
55LN2A	SM RED NEON PILOT 19MM 220VAC
55LN1D	SM RED NEON PILOT 19MM 12VDC
55LN2D	SM RED NEON PILOT 19MM 24VDC
	*Button Location style**
55PL1A	LG RED LED PILOT 110VAC
55PL2A	LG RED LED PILOT 220VAC
55PL1D	LG RED LED PILOT 12VDC
55PL2D	LG RED LED PILOT 24VDC
	* fits in 1 button space only

55PL1A



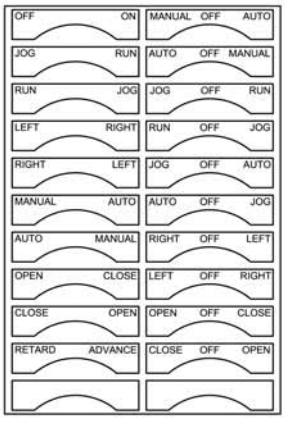
55LN1A

5500 Legend Sheets

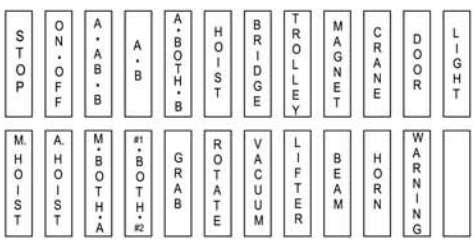
EMC CATALOG P/N	DESCRIPTION
LS1	55 Series Push Button Legend sheet
LS2	55 Series Selector Sw Legend Sheet*
LS3	55 Series Vertical Legend Sheet

*Vertical sheet - not under button cover

LS1



LS2



LS3

Replacement Button Boots & Label Cover

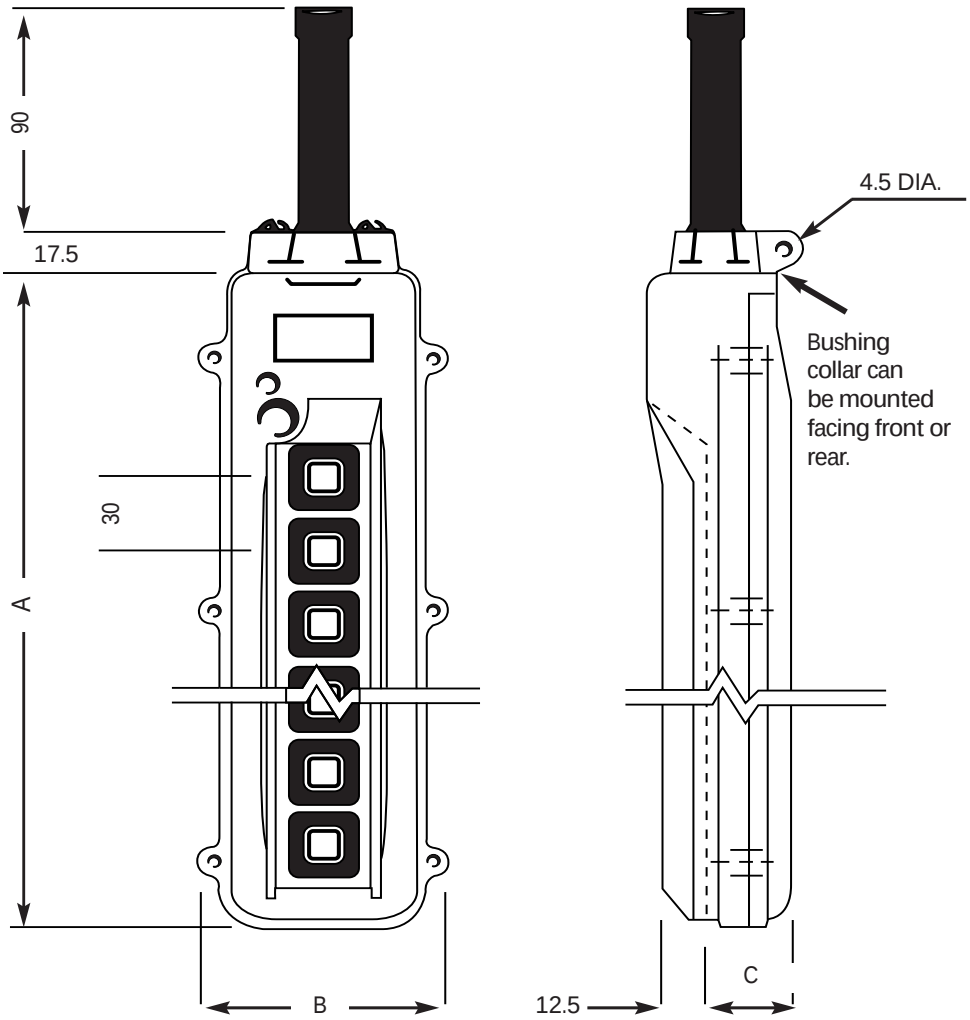
5500 black boots
55BB

5500 red boots
55RB

5500 green boots
55GB

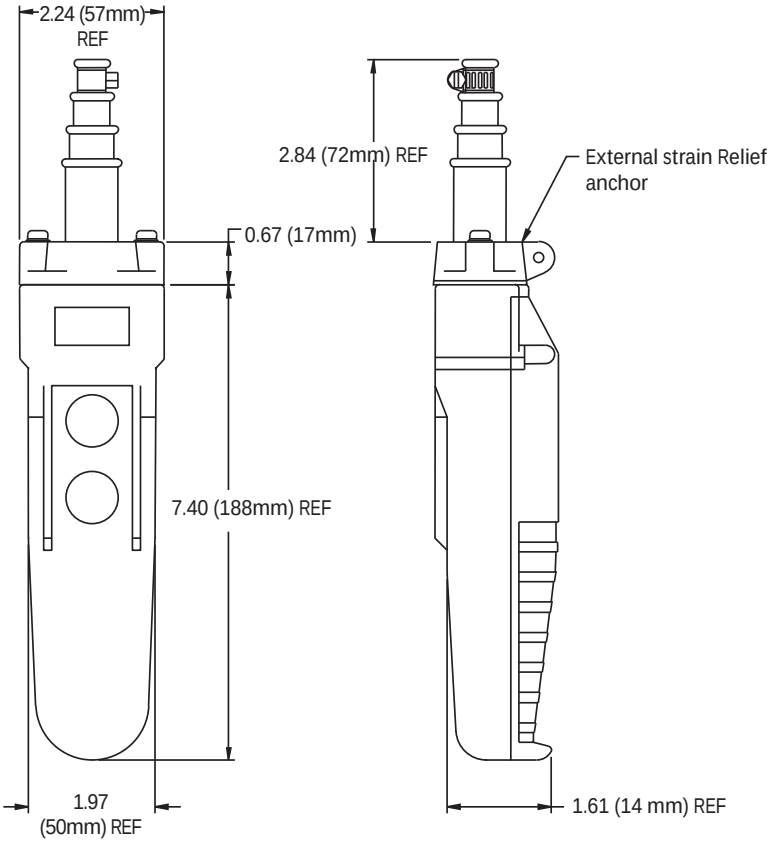
Clear Button Label Cover
55LC

5500 General Duty

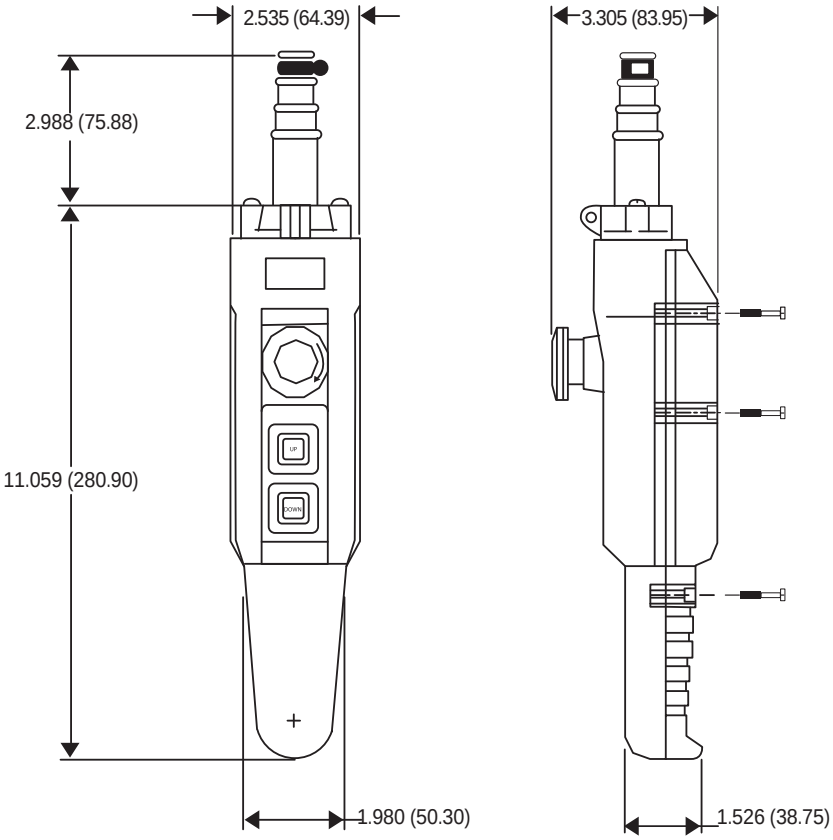


Number of Positions	A Dim.	B Dim.	C Dim.
2	4.49 in. (114 mm)	3.07 in. (78 mm)	1.46 in. (37 mm)
4	7.09 in. (180 mm)	3.07 in. (78 mm)	1.46 in. (37 mm)
6	10.31 in. (262 mm)	3.07 in. (82 mm)	1.48 in. (37.5 mm)
8	12.68 in. (322 mm)	3.23 in. (82 mm)	1.48 in. (37.5 mm)
10	15.24 in. (387 mm)	3.43 in. (87 mm)	1.48 in. (37.5 mm)
12	17.60 in. (447 mm)	3.43 in. (87 mm)	1.48 in. (37.5 mm)

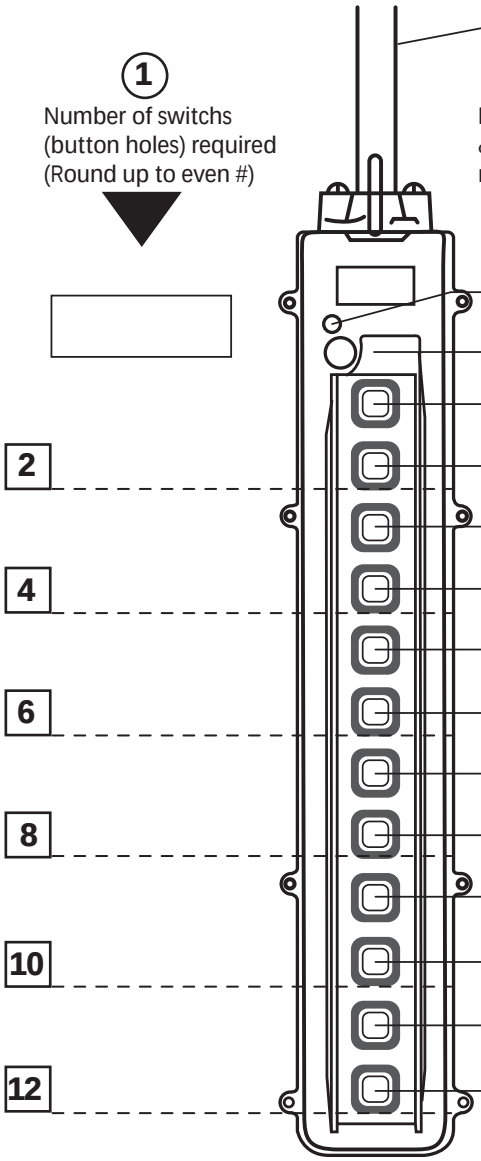
5502 Pistol Grip



5503 Pistol Grip with Emergency Stop



Custom Ordering - 5500 Series



4 Cable O.D.:

Bushing and Cable Gland Part No.

1 Number of switchs (button holes) required (Round up to even #)

2 List switches inserts & lamp/horn inserts as needed by Part. No. below.

3 List number of conductors per switch

of "Commons" Req'd:

Total No. of conductors required (sum of above)

HOW TO REQUEST A CUSTOM PENDANT STATION:

1. Determine your electrical needs and circuits.
2. Determine your number of conductors and conductor size.
3. Select your switches by part number that will operate your circuits.

a. Remember that most switches required two button locations in the housing

4. Fill in the form areas 1 through 5
5. Fax or scan/email the completed form to your local distributor or Ericson Factory

OR USE THE ONLINE FORM

5 Button Legend Sheet

A downloadable copy of this form is located at: www.ericson.com/technical-resource.html

Request Date: _____

Company: _____

Name: _____

Title: _____

Phone: _____

Fax: _____

E-mail: _____

Delivery Date Needed: _____

24/7 Emergency Assistance Hotline:

1-877-OSCAR99 (672-2799)


These Custom Form Pages May
Also be Downloaded From:
www.ericson.com/technical-resource.html

Application: Ericson e-grips on the job.

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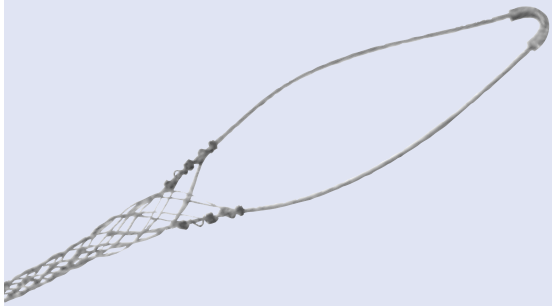
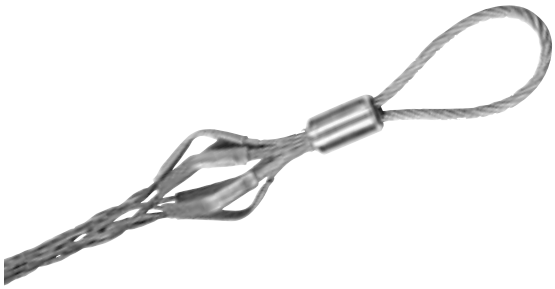


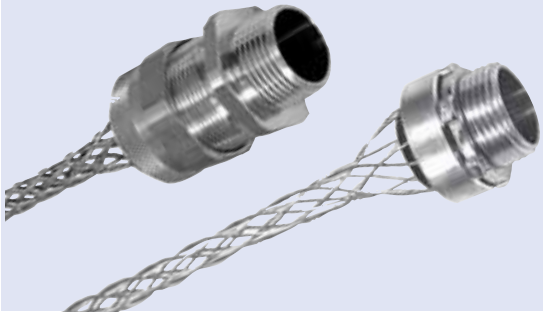
Support Grips

To hold and support cables, metal rods and tubing in verticle , sloped or horizontal position to prevent cable pull-out by supporting the weight of the cable.



Pulling Grips

Reusable pulling tool for heavy to light cable.

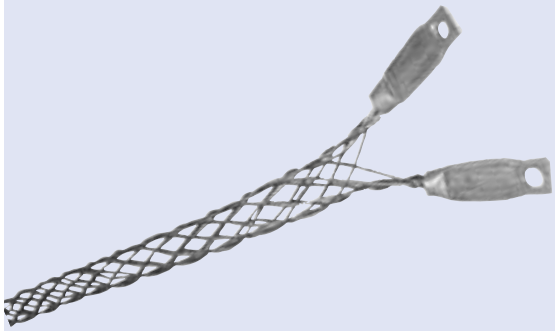


Strain Relief and Deluxe Support Grips

Prevents cable pull out and prevents tension from b eing transmitted to joints reducing stress and strain on conductors at the point of wire termination caused by pulling or bending the cable.

Cord Grips

For use where cable is exposed to moisture or submersion. Eliminated fatique points.indoor/outdoor use, prevents cord pull-out.



I-Grips

Grips are easy to attach, will control cable-arc-of bend, and provide heavy duty strain relief for plugs and connectors used on portable equipment where abnormal high strain abuse occurs.

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Introduction To E-Grips

E-Grips (wire mesh grips) are braided wire tubes that aid in the installation and support of electrical cables as well as non-electrical tubing and hose. E-Grips are used to eliminate direct tension on terminations. Gripping action increases in porportion to the tension applied.

E-Grips are used for pulling overhead or underground cable, stringing service or communications lines, pulling wire through conduit and for general underground construction use. E-grips are reusable and prevent wire damage by creating a uniform tension during wire pulling. E-grips are easy to install as well as remove and do not require any tools.

- Industrial Plants
- Construction Sites
- Maintenance & Repair Operations
- Automation
- Lighting
- Utilities
- Transportation
- OEM
- Maintenance Repair Operations
- Renewable Energy

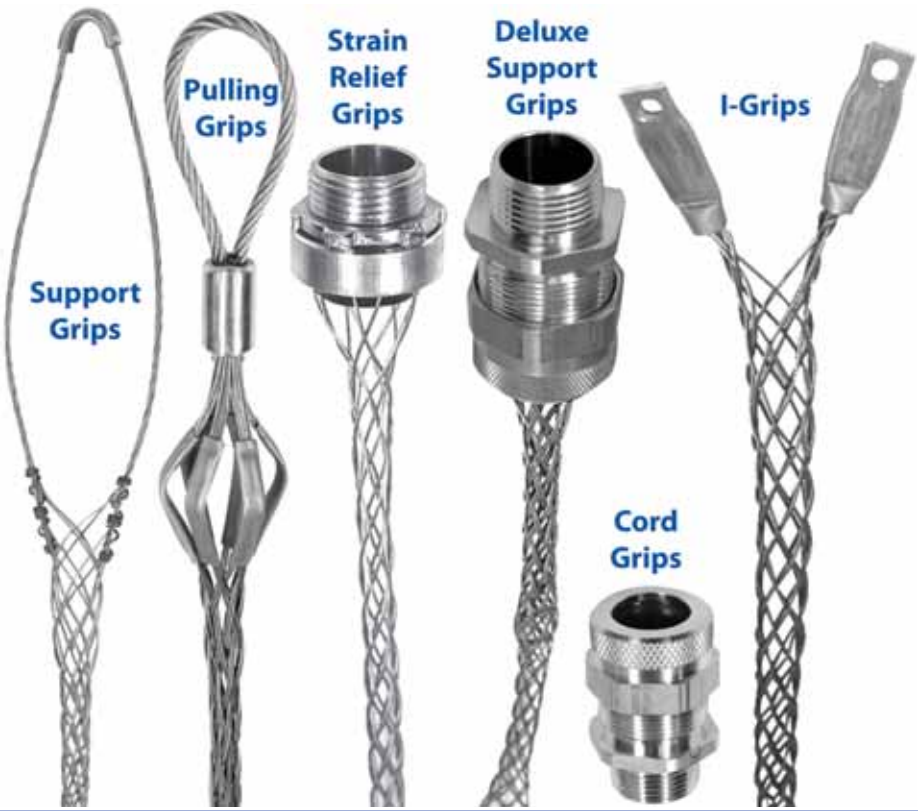
Support Grips:
To hold and support cables, metal rods and tubing in verticle , sloped or horizontal position to prevent cable pull-out by supporting the weight of the cable.

Pulling Grips:
Reusable pulling tool for heavy to light cable.

Strain Relief & Deluxe Strain Relief Grips:
Prevents cable pull out and prevents tension from b eing transmitted to joints reducing stress and strain on conductors at the point of wire termination caused by pulling or bending the cable.

Cord Grips:
For use where cable is exposed to moisture or submersion. Eliminated fatique points.indoor/outdoor use, prevents cord pull-out.

I-Grips:
Grips are easy to attach, will control cable-arc-of bend, and provide heavy duty strain relief for plugs and connectors used on portable equipment where abnormal high strain abuse occurs.



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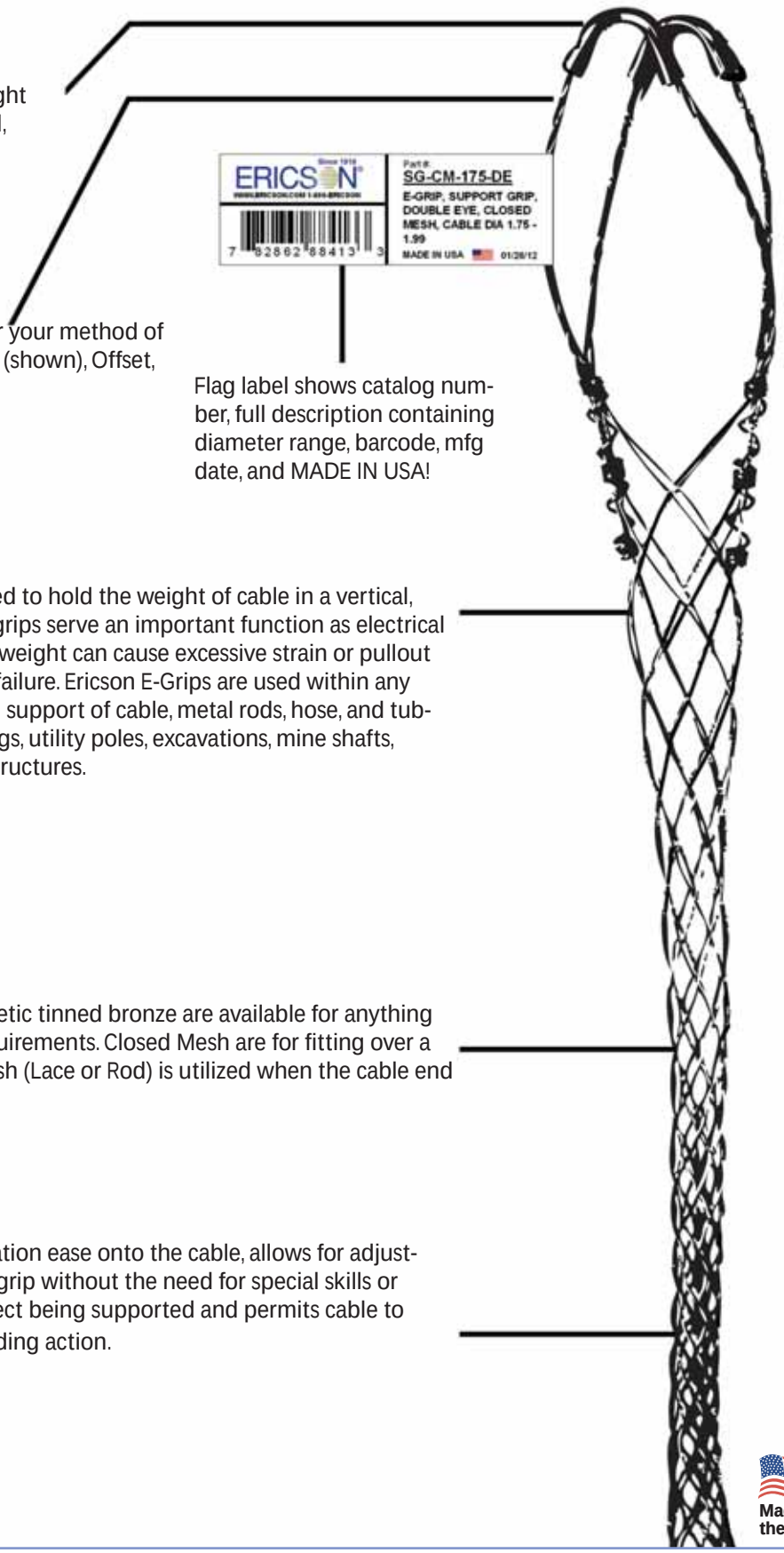
Solid eye assemblies provide superior reinforcement designed to hold the weight for electrical cables as it hangs in vertical, sloping, or horizontal positions.

EYE STYLE:
Four different eye styles are available per your method of utilizing the support grip. Single, Double (shown), Offset, and Universal Bale.



Flag label shows catalog number, full description containing diameter range, barcode, mfg date, and MADE IN USA!

Ericson E-Grip Support Grips are designed to hold the weight of cable in a vertical, horizontal, or sloping position. Support grips serve an important function as electrical cables must be supported or their dead weight can cause excessive strain or pullout at the connections resulting in a power failure. Ericson E-Grips are used within any application that requires the mechanical support of cable, metal rods, hose, and tubing. Specific applications include buildings, utility poles, excavations, mine shafts, towers, elevators, terminators, or other structures.

MESH STYLE:
Three different mesh styles of nonmagnetic tinned bronze are available for anything from light to heavy duty supporting requirements. Closed Mesh are for fitting over a cable end when exposed and a Split Mesh (Lace or Rod) is utilized when the cable end is not exposed.

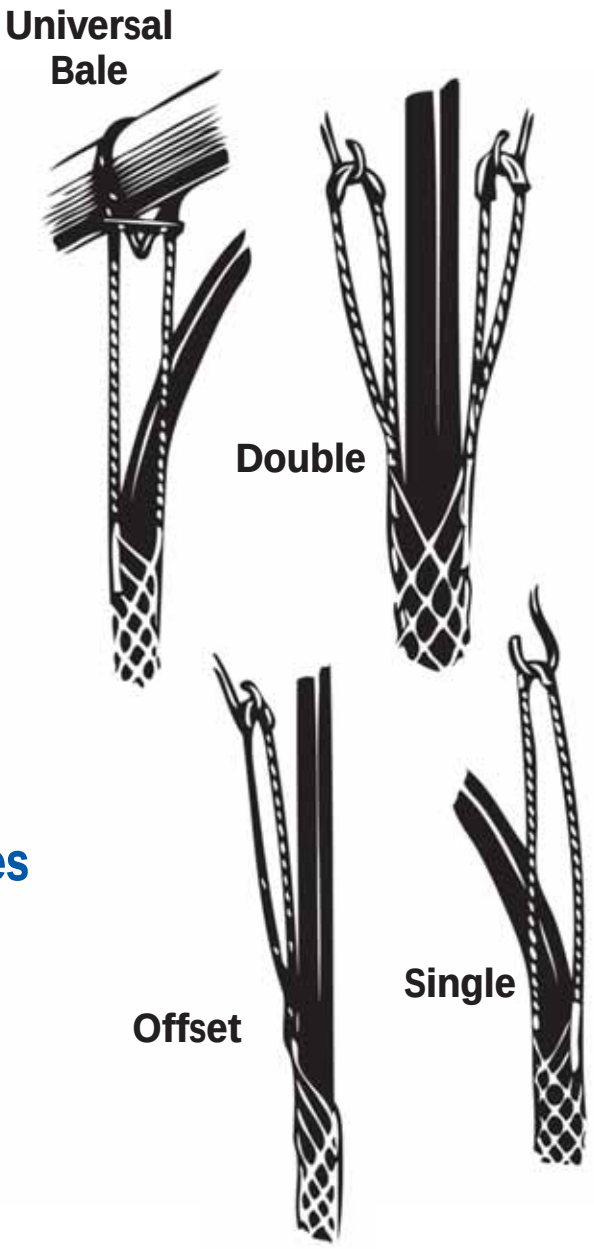
An endless mesh weave provides installation ease onto the cable, allows for adjustments, and provides a reusable support grip without the need for special skills or tools. Conforms to shape of cable or object being supported and permits cable to expand and contract without loss of holding action.

Made in the USA

Selecting The Correct Support Grip

How to Select the Correct Support Grip
Step 1 Refer to the chart below to determine the Support Grip style that is best suited for your application.
Step 2 Where available, select an Eye style that is best suited for your supporting application.
Step 3 Determine your cable outside diameter. Refer to Technical Reference section.
Step 4 Find the mesh grip size that encompasses your cable diameter.
Step 5 Select a Mesh style from chart below. Whenever possible, use a closed mesh that assembles over the cable end. If the cable end is not available, use a split mesh such as Lace or Rod Closing.
Step 6 IMPORTANT! Estimate the tension to be put on the grip, establish the working load you require and compare this to the listed approximate breaking strength of the grip to insure that the grip will be strong enough. For Support Grips, use a Safety Factor of 10. Refer to Technical Reference section for safety and working load considerations.

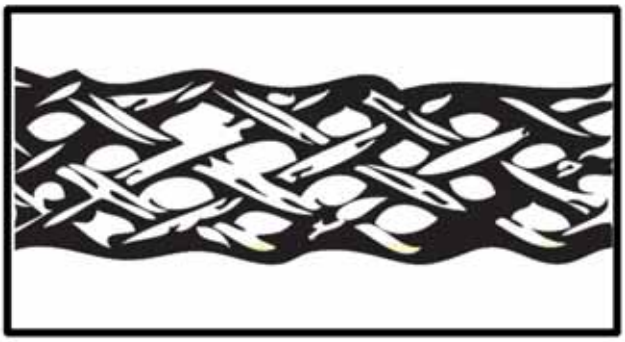
Eye Styles



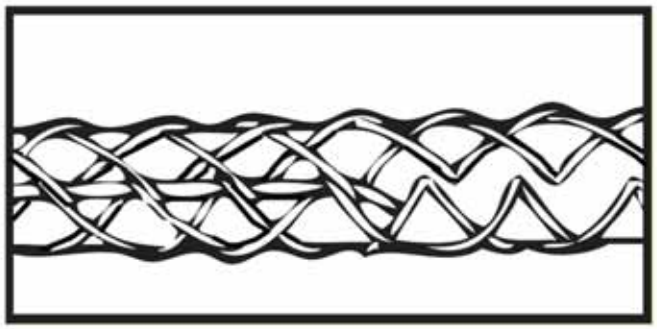
Support Grip Styles	
Standard Support Grips	Support Vertical Runs to 99 ft. Loads to 600lbs. Electrical cables must be supported or their dead weight can cause excessive strain or pullout at the connections resulting in a power failure. (Diameter Range = .5 to 3.99" and Breaking Strength Range = 500 to 4900 lbs.)
Heavy Duty Grips	Support Vertical Runs over 100 ft. Loads Over 600lbs. Electrical cables must be supported or their dead weight can cause excessive strain or pullout at the connections resulting in a power failure. (Diameter Range = .75 to 4.49" and Breaking Strength Range = 2820 to 12070 lbs.)
Service Drop	Light Duty to Support Service Entrance Cable in sloping, vertical, or horizontal positions. (Diameter Range = .23 to 1.25" and Breaking Strength Range = 290 to 1790 lbs.)
Bus Drop	Light Duty Support, Indoors Only, On Bus Drop Cable that relieves tension and absorbs vibration which protects the cable. Safety Springs can be used in conjunction to relieve sudden strain on cord or cable overhead systems. (Diameter Range = .22 to 1.25" and Breaking Strength Range = 350 to 1800 lbs.)
Conduit Riser	Support Cable Runs in Rigid (Sched. 40) Conduit. (Diameter Range = .50 to 3.99" and Breaking Strength Range = 290 to 5380 lbs.)

Made in the USA

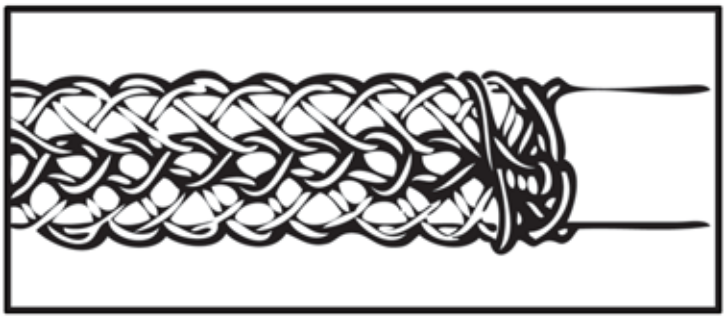
Eye Styles	
Single	For use when cable is vertical and for applications where cable bends or for where a single attachment is more advantageous for positioning.
Double	For use when cable is vertical and extends through the grip without bending. Eyes may be fastened to open hooks, but should not be more than 15 degrees from the axis of the vertical cable. When the eyes are supported equally, this attachment provides a fully balanced load.
Offset	Similar to single eye applications, but for use when offset positioning is required.
Universal Bale	Adjustable and self-locking, this attachment fits around a beam, pipe, or other continuous structural object. The bale wraps around the object and is securely anchored in the bar.



Closed



Split Rod



Split Lace

Mesh Styles

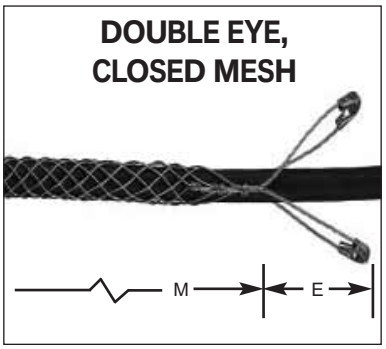
Mesh Styles	
Closed	Permanent support when cable end is available for support grip installation.
Split Lace Closing	Permanent support when cable end is not available for support grip installation.
Split Rod Closing	Temporary support when cable end is not available for support grip installation

Made in the USA

Support Grips - Standard Duty - Double Eye

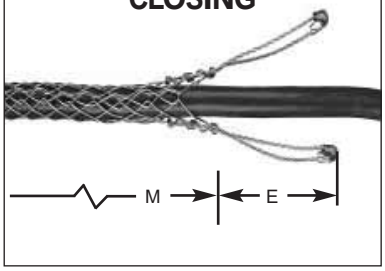
• Stranded tinned bronze wire.

DOUBLE EYE, CLOSED MESH



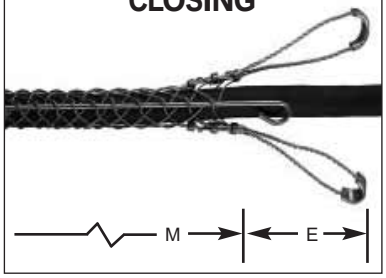
CATALOG NUMBER	DIA. RA.	APPROX. BREAKING STRENGTH	LENGTH	
			E	M
SG-CM-050-DE	.50-.62	530 LBS.	4	10
SG-CM-062-DE	.63-.74	790 LBS.	4	10
SG-CM-075-DE	.75-.99	1020 LBS.	4	13
SG-CM-100-DE	1.00-1.24	1610 LBS.	5	14
SG-CM-125-DE	1.25-1.49	1610 LBS.	5	15
SG-CM-150-DE	1.50-1.74	1610 LBS.	5	17
SG-CM-175-DE	1.75-1.99	2150 LBS.	6	19
SG-CM-200-DE	2.00-2.49	3260 LBS.	6	21
SG-CM-250-DE	2.50-2.99	3260 LBS.	6	23
SG-CM-300-DE	3.00-3.49	4900 LBS.	8	25
SG-CM-350-DE	3.50-3.99	4900 LBS.	8	27

DOUBLE EYE, LACE CLOSING



CATALOG NUMBER	DIA. RA.	APPROX. BREAKING STRENGTH	LENGTH	
			E	M
SG-LC-050-DE	.50-.62	530 LBS.	4	10
SG-LC-062-DE	.63-.74	790 LBS.	4	10
SG-LC-075-DE	.75-.99	1020 LBS.	4	13
SG-LC-100-DE	1.00-1.24	1610 LBS.	5	14
SG-LC-125-DE	1.25-1.49	1610 LBS.	5	15
SG-LC-150-DE	1.50-1.74	1610 LBS.	5	17
SG-LC-175-DE	1.75-1.99	2150 LBS.	6	19
SG-LC-200-DE	2.00-2.49	3260 LBS.	6	21
SG-LC-250-DE	2.50-2.99	3260 LBS.	6	23
SG-LC-300-DE	3.00-3.49	4900 LBS.	8	25
SG-LC-350-DE	3.50-3.99	4900 LBS.	8	27

DOUBLE EYE, ROD CLOSING



CATALOG NUMBER	DIA. RA.	APPROX. BREAKING STRENGTH	LENGTH	
			E	M
SG-RC-050-DE	.50-.62	530LBS.	4	10
SG-RC-062-DE	.63-.74	790LBS.	4	10
SG-RC-075-DE	.75-.99	1020LBS.	4	13
SG-RC-100-DE	1.00-1.24	1610LBS.	5	14
SG-RC-125-DE	1.25-1.49	1610LBS.	5	15
SG-RC-150-DE	1.50-1.74	1610LBS.	5	17
SG-RC-175-DE	1.75-1.99	2150LBS.	6	19
SG-RC-200-DE	2.00-2.49	3260LBS.	6	21
SG-RC-250-DE	2.50-2.99	3260LBS.	6	23
SG-RC-300-DE	3.00-3.49	4900LBS.	8	25
SG-RC-350-DE	3.50-3.99	4900LBS.	8	27

E = Eye Length M = Mesh Length at Nominal Diameter (Inches)

Support Grip Number Structure

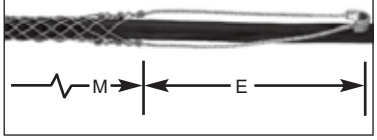
Product Type	-	Mesh	-	Mesh Diameter	-	Eye Style
SG = Support Grips **SGHD** = Support Grips Heavy Duty (Double Weave)		**CM** = Closed Mesh **LC** = Lace Closing **RC** = Rod Closing		Lower Diameter Range of Mesh		**DE** = Double Eye **SE** = Single Eye **OFS** = Offset Eye **UB** = Universal Bale

Made in the USA

Caution: When selecting a grip, never use to their approximate breaking strength. Refer to Technical Reference section for safety and working load factors.

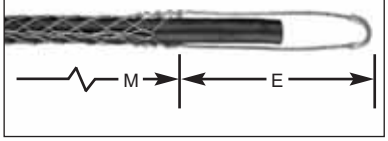
• Stranded tinned bronze wire.

SINGLE EYE, CLOSED MESH



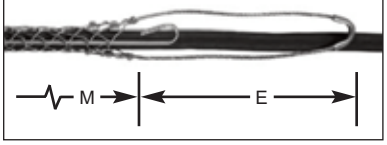
CATALOG NUMBER	DIA. RA.	APPROX. BREAKING STRENGTH	LENGTH	
			E	M
SG-CM-050-SE	.50-.62	530LBS.	7	10
SG-CM-062-SE	.63-.74	790LBS.	8	10
SG-CM-075-SE	.75-.99	1020LBS.	8	13
SG-CM-100-SE	1.00-1.24	1610LBS.	9	14
SG-CM-125-SE	1.25-1.49	1610LBS.	10	15
SG-CM-150-SE	1.50-1.74	1610LBS.	12	17
SG-CM-175-SE	1.75-1.99	2150LBS.	14	19
SG-CM-200-SE	2.00-2.49	3260LBS.	16	21
SG-CM-250-SE	2.50-2.99	3260LBS.	18	23
SG-CM-300-SE	3.00-3.49	4900LBS.	21	25
SG-CM-350-SE	3.50-3.99	4900LBS.	24	27

SINGLE EYE, LACE CLOSING



CATALOG NUMBER	DIA. RA.	APPROX. BREAKING STRENGTH	LENGTH	
			E	M
SG-LC-050-SE	.50-.62	530LBS.	7	10
SG-LC-062-SE	.63-.74	790LBS.	8	10
SG-LC-075-SE	.75-.99	1020LBS.	8	13
SG-LC-100-SE	1.00-1.24	1610LBS.	9	14
SG-LC-125-SE	1.25-1.49	1610LBS.	10	15
SG-LC-150-SE	1.50-1.74	1610LBS.	12	17
SG-LC-175-SE	1.75-1.99	2150LBS.	14	19
SG-LC-200-SE	2.00-2.49	3260LBS.	16	21
SG-LC-250-SE	2.50-2.99	3260LBS.	18	23
SG-LC-300-SE	3.00-3.49	4900LBS.	21	25
SG-LC-350-SE	3.50-3.99	4900 LBS.	24	27

SINGLE EYE, ROD CLOSING



CATALOG NUMBER	DIA. RA.	APPROX. BREAKING STRENGTH	LENGTH	
			E	M
SG-RC-050-SE	.50-.62	530LBS.	7	10
SG-RC-062-SE	.63-.74	790LBS.	8	10
SG-RC-075-SE	.75-.99	1020LBS.	8	13
SG-RC-100-SE	1.00-1.24	1610LBS.	9	14
SG-RC-125-SE	1.25-1.49	1610LBS.	10	15
SG-RC-150-SE	1.50-1.74	1610LBS.	12	17
SG-RC-175-SE	1.75-1.99	2150LBS.	14	19
SG-RC-200-SE	2.00-2.49	3260LBS.	16	21
SG-RC-250-SE	2.50-2.99	3260LBS.	18	23
SG-RC-300-SE	3.00-3.49	4900LBS.	21	25
SG-RC-350-SE	3.50-3.99	4900LBS.	24	27

E = Eye Length M = Mesh Length at Nominal Diameter (Inches)

Support Grip Number Structure

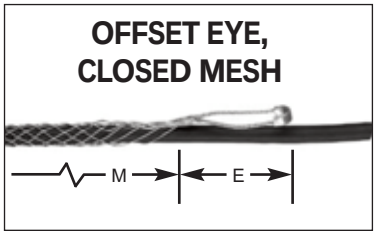
Product Type	-	Mesh	-	Mesh Diameter	-	Eye Style
SG = Support Grips **SGHD** = Support Grips Heavy Duty (Double Weave)		**CM** = Closed **Mesh LC** = Lace Closing **RC** = Rod Closing		Lower Diameter Range of Mesh		**DE** = Double Eye **SE** = Single Eye **OFS** = Offset Eye **UB** = Universal Bale

Caution: When selecting a grip, never use to their approximate breaking strength. Refer to Technical Reference section for safety and working load factors.

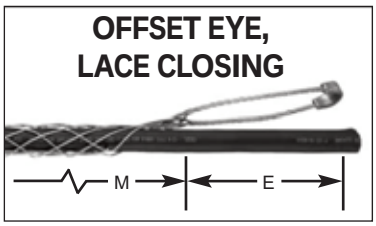
Made in the USA

Support Grips - Standard Duty - Offset Eye

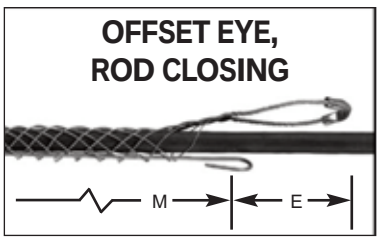
• Stranded tinned bronze wire.



CATALOG NUMBER	DIA. RA.	APPROX. BREAKING STRENGTH	LENGTH	
			E	M
SG-CM-050-OFS	.50-.62	500LBS.	4	10
SG-CM-062-OFS	.63-.74	750LBS.	4	10
SG-CM-075-OFS	.75-.99	950LBS.	4	13
SG-CM-100-OFS	1.00-1.24	1500LBS.	5	14
SG-CM-125-OFS	1.25-1.49	1500LBS.	5	15
SG-CM-150-OFS	1.50-1.74	1500LBS.	5	17
SG-CM-175-OFS	1.75-1.99	2000LBS.	6	19
SG-CM-200-OFS	2.00-2.49	3100LBS.	6	21
SG-CM-250-OFS	2.50-2.99	3100LBS.	6	23
SG-CM-300-OFS	3.00-3.49	3800LBS.	9	25
SG-CM-350-OFS	3.50-3.99	3800LBS.	9	27



CATALOG NUMBER	DIA. RA.	APPROX. BREAKING STRENGTH	LENGTH	
			E	M
SG-LC-050-OFS	.50-.62	500LBS.	4	10
SG-LC-062-OFS	.63-.74	750LBS.	4	10
SG-LC-075-OFS	.75-.99	950LBS.	4	13
SG-LC-100-OFS	1.00-1.24	1500LBS.	5	14
SG-LC-125-OFS	1.25-1.49	1500LBS.	5	15
SG-LC-150-OFS	1.50-1.74	1500LBS.	5	17
SG-LC-175-OFS	1.75-1.99	2000LBS.	6	19
SG-LC-200-OFS	2.00-2.49	3100LBS.	6	21
SG-LC-250-OFS	2.50-2.99	3100LBS.	6	23
SG-LC-300-OFS	3.00-3.49	3800LBS.	9	25
SG-LC-350-OFS	3.50-3.99	3800LBS.	9	27



CATALOG NUMBER	DIA. RA.	APPROX. BREAKING STRENGTH	LENGTH	
			E	M
SG-RC-050-OFS	.50-.62	500LBS.	4	10
SG-RC-062-OFS	.63-.74	750LBS.	4	10
SG-RC-075-OFS	.75-.99	950LBS.	4	13
SG-RC-100-OFS	1.00-1.24	1500LBS.	5	14
SG-RC-125-OFS	1.25-1.49	1500LBS.	5	15
SG-RC-150-OFS	1.50-1.74	1500LBS.	5	17
SG-RC-175-OFS	1.75-1.99	2000LBS.	6	19
SG-RC-200-OFS	2.00-2.49	3100LBS.	6	21
SG-RC-250-OFS	2.50-2.99	3100LBS.	6	23
SG-RC-300-OFS	3.00-3.49	3800LBS.	9	25
SG-RC-350-OFS	3.50-3.99	3800LBS.	9	27

E = Eye Length M = Mesh Length at Nominal Diameter (Inches)

Support Grip Number Structure

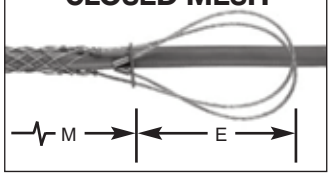
Product Type	-	Mesh	-	Mesh Diameter	-	Eye Style
SG = Support Grips **SGHD** = Support Grips Heavy Duty (Double Weave)		**CM** = Closed Mesh **LC** = Lace Closing **RC** = Rod Closing		Lower Diameter Range of Mesh		**DE** = Double Eye **SE** = Single Eye **OFS** = Offset Eye **UB** = Universal Bale

Made in the USA

Caution: When selecting a grip, never use to their approximate breaking strength. Refer to Technical Reference section for safety and working load factors.

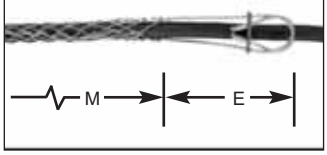
• Stranded tinned bronze wire.

UNIVERSAL BALE, CLOSED MESH



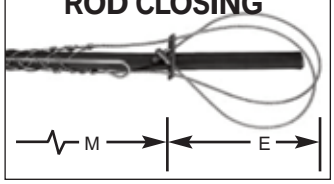
CATALOG NUMBER	DIA. RA.	APPROX. BREAKING STRENGTH	LENGTH	
			E	M
SG-CM-050-UB	.50-.62	530LBS.	18	10
SG-CM-062-UB	.63-.74	790LBS.	18	10
SG-CM-075-UB	.75-.99	1020LBS.	18	13
SG-CM-100-UB	1.00-1.24	1610LBS.	18	14
SG-CM-125-UB	1.25-1.49	1610LBS.	18	15
SG-CM-150-UB	1.50-1.74	1610LBS.	18	17
SG-CM-175-UB	1.75-1.99	2150LBS.	18	19
SG-CM-200-UB	2.00-2.49	3260LBS.	18	21
SG-CM-250-UB	2.50-2.99	3260LBS.	18	23
SG-CM-300-UB	3.00-3.49	4900LBS.	18	25
SG-CM-350-UB	3.50-3.99	4900LBS.	18	27

UNIVERSAL BALE, LACE CLOSING



CATALOG NUMBER	DIA. RA.	APPROX. BREAKING STRENGTH	LENGTH	
			E	M
SG-LC-050-UB	.50-.62	530LBS.	18	10
SG-LC-062-UB	.63-.74	790LBS.	18	10
SG-LC-075-UB	.75-.99	1020LBS.	18	13
SG-LC-100-UB	1.00-1.24	1610LBS.	18	14
SG-LC-125-UB	1.25-1.49	1610LBS.	18	15
SG-LC-150-UB	1.50-1.74	1610LBS.	18	17
SG-LC-175-UB	1.75-1.99	2150LBS.	18	19
SG-LC-200-UB	2.00-2.49	3260LBS.	18	21
SG-LC-250-UB	2.50-2.99	3260LBS.	18	23
SG-LC-300-UB	3.00-3.49	4900LBS.	18	25
SG-LC-350-UB	3.50-3.99	4900LBS.	18	27

UNIVERSAL BALE, ROD CLOSING



CATALOG NUMBER	DIA. RA.	APPROX. BREAKING STRENGTH	LENGTH	
			E	M
SG-RC-050-UB	.50-.62	530LBS.	18	10
SG-RC-062-UB	.63-.74	790LBS.	18	10
SG-RC-075-UB	.75-.99	1020LBS.	18	13
SG-RC-100-UB	1.00-1.24	1610LBS.	18	14
SG-RC-125-UB	1.25-1.49	1610LBS.	18	15
SG-RC-150-UB	1.50-1.74	1610LBS.	18	17
SG-RC-175-UB	1.75-1.99	2150LBS.	18	19
SG-RC-200-UB	2.00-2.49	3260LBS.	18	21
SG-RC-250-UB	2.50-2.99	3260LBS.	18	23
SG-RC-300-UB	3.00-3.49	4900LBS.	18	25
SG-RC-350-UB	3.50-3.99	4900LBS.	18	27

E = Eye Length M = Mesh Length at Nominal Diameter (Inches)

Support Grip Number Structure

Product Type	-	Mesh	-	Mesh Diameter	-	Eye Style
SG = Support Grips **SGHD** = Support Grips Heavy Duty (Double Weave)		**CM** = Closed Mesh **LC** = Lace Closing **RC** = Rod Closing		Lower Diameter Range of Mesh		**DE** = Double Eye **SE** = Single Eye **OFS** = Offset Eye **UB** = Universal Bale

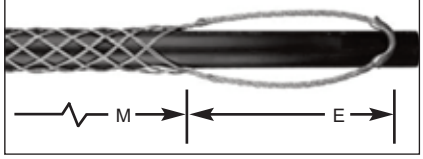
Caution: When selecting a grip, never use to their approximate breaking strength. Refer to Technical Reference section for safety and working load factors.

Made in the USA

Support Grips - Heavy Duty

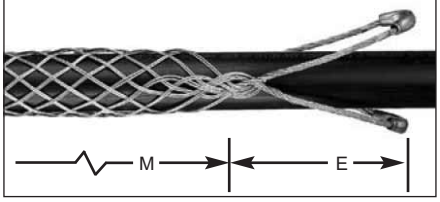
- Ericson Heavy Duty Support Grips are designed to withstand greater loads and increased stress
- Stranded tinned bronze wire.

SINGLE EYE, CLOSED MESH, DOUBLE WEAVE



CATALOG NUMBER	DIA. RA.	APPROX. BREAKING STRENGTH	LENGTH	
			E	M
SGHD-CM-075-SE	.75-.99	2820LBS.	10	25
SGHD-CM-100-SE	1.00-1.24	4280LBS.	10	28
SGHD-CM-125-SE	1.25-1.49	4280LBS.	10	30
SGHD-CM-150-SE	1.50-1.99	4280LBS.	10	34

DOUBLE EYE, CLOSED MESH, DOUBLE WEAVE



CATALOG NUMBER	DIA. RA.	APPROX. BREAKING STRENGTH	LENGTH	
			E	M
SGHD-CM-075-DE	.75-.99	2820LBS.	10	25
SGHD-CM-100-DE	1.00-1.24	4280LBS.	10	28
SGHD-CM-125-DE	1.25-1.49	4280LBS.	10	30
SGHD-CM-150-DE	1.50-1.99	4280LBS.	10	34
SGHD-CM-200-DE	2.00-2.49	8050LBS.	10	36
SGHD-CM-250-DE	2.50-2.99	8050LBS.	10	38
SGHD-CM-300-DE	3.00-3.49	10060LBS.	10	40
SGHD-CM-350-DE	3.50-3.99	12070LBS.	10	44
SGHD-CM-400-DE	4.00-4.49	12070LBS.	10	46

E = Eye Length M = Mesh Length at Nominal Diameter (Inches)

Support Grip Number Structure

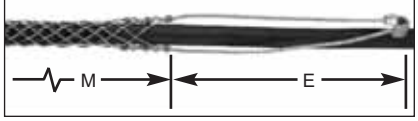
Product Type	-	Mesh	-	Mesh Diameter	-	Eye Style
SG = Support Grips **SGHD** = Support Grips Heavy Duty (Double Weave)		**CM** = Closed Mesh **LC** = Lace Closing **RC** = Rod Closing		Lower Diameter Range of Mesh		**DE** = Double Eye **SE** = Single Eye **OFS** = Offset Eye **UB** = Universal Bale

Made in the USA

Caution: When selecting a grip, never use to their approximate breaking strength. Refer to Technical Reference section for safety and working load factors.

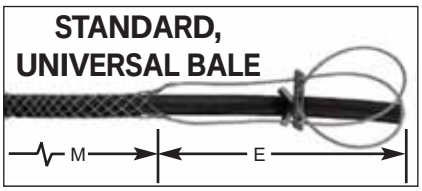
- Ericson Service Drop Grips are used in a wide variety of light duty electrical applications such as service entrance, cable tv, telephone, fiber optics, etc., in sloping, vertical, or horizontal positions.
- High grade non-magnetic tin coated bronze wire.

STANDARD, SINGLE EYE



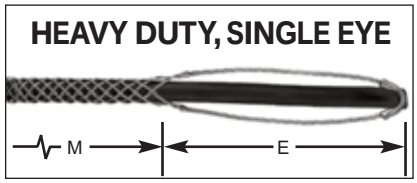
CATALOG NUMBER	DIA. RA.	APPROX. BREAKING STRENGTH	LENGTH	
			E	M
SD-23-SE	.23-.31	290LBS.	4	3
SD-32-SE	.32-.43	290LBS.	4	4
SD-43-SE	.43-.56	380LBS.	6	5
SD-56-SE	.56-.73	600LBS.	7	6
SD-73-SE	.73-.85	790LBS.	7	6
SD-85-SE	.85-1.00	1020LBS.	8	8
SD-100-SE	1.00-1.25	1020LBS.	9	9

STANDARD, UNIVERSAL BALE



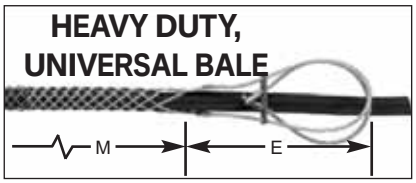
CATALOG NUMBER	DIA. RA.	APPROX. BREAKING STRENGTH	LENGTH	
			E	M
SD-23-UB	.23-.31	290LBS.	8	3
SD-32-UB	.32-.43	290LBS.	10	4
SD-43-UB	.43-.56	380LBS.	12	5
SD-56-UB	.56-.73	600LBS.	13	6
SD-73-UB	.73-.85	790LBS.	14	6
SD-85-UB	.85-1.00	1020LBS.	14	8
SD-100-UB	1.00-1.25	1020LBS.	15	9

HEAVY DUTY, SINGLE EYE



CATALOG NUMBER	DIA. RA.	APPROX. BREAKING STRENGTH	LENGTH	
			E	M
SDHD-23-SE	.23-.31	500LBS.	5	5
SDHD-32-SE	.32-.43	500LBS.	6	6
SDHD-43-SE	.43-.56	870LBS.	6	8
SDHD-56-SE	.56-.73	1050LBS.	7	9
SDHD-73-SE	.73-.85	1390LBS.	8	10
SDHD-85-SE	.85-1.00	1790LBS.	8	12
SDHD-100-SE	1.00-1.25	1790LBS.	9	14

HEAVY DUTY, UNIVERSAL BALE



CATALOG NUMBER	DIA. RA.	APPROX. BREAKING STRENGTH	LENGTH	
			E	M
SDHD-23-UB	.23-.31	500LBS.	9	5
SDHD-32-UB	.32-.43	500LBS.	10	6
SDHD-43-UB	.43-.56	870LBS.	12	8
SDHD-56-UB	.56-.73	1050LBS.	13	9
SDHD-73-UB	.73-.85	1390LBS.	14	10
SDHD-85-UB	.85-1.00	1790LBS.	14	12
SDHD-100-UB	1.00-1.25	1790LBS.	15	14

Caution: When selecting a grip, never use to their approximate breaking strength. Refer to Technical Reference section for safety and working load factors.

E = Eye Length M = Mesh Length at Nominal Diameter (Inches)

Bus Drops & Service Drops Number Structure

Product Type	-	Mesh Diameter	-	Eye Style
SD = Service Drops **SDHD** = Service Drops Heavy Duty (Double Weave)		Lower Diameter Range of Mesh		**SE** = Single Eye **UB** = Universal Bale

Made in the USA

For permanent support when cable end is available to be installed through the grip.

	CABLE SIZE INCHES	.50-.62	.63-.74	.75-.99	1.00-1.24	1.25-1.49
	LENGTH	8”	9”	10”	11”	12”
CONDUIT SIZE	APX. BRK. STR. LBS.	530 290	790 435	1030 560	1610 890	1610 890
3/4”	CAT. NO.	CRG-C.75-CM-050				
1”	CAT. NO.	CRG-C1-CM-050	CRG-C1-CM-062			
1-1/4”	CAT. NO.	CRG-C1.25-CM-050	CRG-C1.25-CM-062	CRG-C1.25-CM-075		
1-1/2”	CAT. NO.	CRG-C1.50-CM-050	CRG-C1.50-CM-062	CRG-C1.50-CM-075	CRG-C1.50-CM-100	
2”	CAT. NO.	CRG-C2-CM-050	CRG-C2-CM-062	CRG-C2-CM-075	CRG-C2-CM-100	CRG-C2-CM-125
2-1/2”	CAT. NO.	CRG-C2.50-CM-050	CRG-C2.50-CM-062	CRG-C2.50-CM-075	CRG-C2.50-CM-100	CRG-C2.50-CM-125
3”	CAT. NO.	CRG-C3-CM-050	CRG-C3-CM-062	CRG-C3-CM-075	CRG-C3-CM-100	CRG-C3-CM-125
3-1/2”	CAT. NO.		CRG-C3.50-CM-062	CRG-C3.50-CM-075	CRG-C3.50-CM-100	CRG-C3.50-CM-125
4”	CAT. NO.		CRG-C4-CM-062	CRG-C4-CM-075	CRG-C4-CM-100	CRG-C4-CM-125
4-1/2””	CAT. NO.			CRG-C4.50-CM-075	CRG-C4.50-CM-100	CRG-C4.50-CM-125
5”	CAT. NO.			CRG-C5-CM-075	CRG-C5-CM-100	CRG-C5-CM-125
6”	CAT. NO.			CRG-C6-CM-075	CRG-C6-CM-100	CRG-C6-CM-125

	CABLE SIZE INCHES	1.50-1.74	1.75-1.99	2.00-2.49
	LENGTH	13”	14”	17”
CONDUIT SIZE	APX. BRK. STR. LBS.	1610 890	2150 1180	3260 1795
3/4”	CAT. NO.			
1”	CAT. NO.			
1-1/4”	CAT. NO.			
1-1/2”	CAT. NO.			
2”	CAT. NO.			
2-1/2”	CAT. NO.	CRG-C2.50-CM-150	CRG-C2.50-CM-175	
3”	CAT. NO.	CRG-C3-CM-150	CRG-C3-CM-175	CRG-C3-CM-200
3-1/2”	CAT. NO.	CRG-C3.50-CM-150	CRG-C3.50-CM-175	CRG-C3.50-CM-200
4”	CAT. NO.	CRG-C4-CM-150	CRG-C4-CM-175	CRG-C4-CM-200
4-1/2””	CAT. NO.	CRG-C4.50-CM-150	CRG-C4.50-CM-175	CRG-C4.50-CM-200
5”	CAT. NO.	CRG-C5-CM-150	CRG-C5-CM-175	CRG-C5-CM-200
6”	CAT. NO.	CRG-C6-CM-150	CRG-C6-CM-175	CRG-C6-CM-200

	CABLE SIZE INCHES	2.50-2.99	3.00-3.49	3.50-3.99
	LENGTH	18”	20”	21”
CONDUIT SIZE	APX. BRK. STR. LBS.	3260 1795	4080 2245	4080 2245
3/4”	CAT. NO.			
1”	CAT. NO.			
1-1/4”	CAT. NO.			
1-1/2”	CAT. NO.			
2”	CAT. NO.			
2-1/2”	CAT. NO.			
3”	CAT. NO.			
3-1/2”	CAT. NO.	CRG-C3.50-CM-250		
4”	CAT. NO.	CRG-C4-CM-250	CRG-C4-CM-300	
4-1/2””	CAT. NO.	CRG-C4.50-CM-250	CRG-C4.50-CM-300	CRG-C4.50-CM-350
5”	CAT. NO.	CRG-C5-CM-250	CRG-C5-CM-300	CRG-C5-CM-350
6”	CAT. NO.	CRG-C6-CM-250	CRG-C6-CM-300	CRG-C6-CM-350

SINGLE WEAVE, CLOSED MESH

- Ericson Conduit Riser Support Grips are used to support cable runs in vertical or sloping standard rigid conduit.
- They are designed to prevent cable creep in conduit and help prevent cable pullouts.
- Ericson Conduit Riser Support Grips install quickly and easily with no damage to electrical cable.
- The mesh is attached to a support ring, which sits on the conduit requiring no extra hardware to attach.
- Fittings, bushings, or couplings may be threaded on the conduit with the grip in place.
- Stranded tinned bronze wire.

Made in the USA

• Stranded tinned bronze wire.

For permanent support when cable end is not available.

	CABLE SIZE INCHES	.75-.99	1.00-1.24	1.25-1.49	1.50-1.74	1.75-1.99
	LENGTH	10”	11”	12”	13”	14”
CONDUIT SIZE	APX. BRK. STR. LBS.	1580 870	2040 1125	2040 1125	2040 1125	2730 1500
1-1/4”	CAT. NO.	CRG-C1.25-LC-075				
1-1/2”	CAT. NO.	CRG-C1.5-LC-075	CRG-C1.5-LC-100			
2”	CAT. NO.	CRG-C2-LC-075	CRG-C2-LC-100	CRG-C2-LC-125		
2-1/2”	CAT. NO.	CRG-C2.5-LC-075	CRG-C2.5-LC-100	CRG-C2.5-LC-125	CRG-C2.5-LC-150	CRG-C2.5-LC-175
3”	CAT. NO.	CRG-C3-LC-075	CRG-C3-LC-100	CRG-C3-LC-125	CRG-C3-LC-150	CRG-C3-LC-175
3-1/2”	CAT. NO.	CRG-C3.5-LC-075	CRG-C3.5-LC-100	CRG-C3.5-LC-125	CRG-C3.5-LC-150	CRG-C3.5-LC-175
4”	CAT. NO.	CRG-C4-LC-075	CRG-C4-LC-100	CRG-C4-LC-125	CRG-C4-LC-150	CRG-C4-LC-175
4-1/2”	CAT. NO.	CRG-C4.5-LC-075	CRG-C4.5-LC-100	CRG-C4.5-LC-125	CRG-C4.5-LC-150	CRG-C4.5-LC-175
5”	CAT. NO.	CRG-C5-LC-075	CRG-C5-LC-100	CRG-C5-LC-125	CRG-C5-LC-150	CRG-C5-LC-175
6”	CAT. NO.	CRG-C6-LC-075	CRG-C6-LC-100	CRG-C6-LC-125	CRG-C6-LC-150	CRG-C6-LC-175

	CABLE SIZE INCHES	2.00-2.49	2.50-2.99	3.00-3.49	3.50-3.99
	LENGTH	17”	18”	20”	21”
CONDUIT SIZE	APX. BRK. STR. LBS.	4300 2365	4300 2365	5380 2955	5380 2955
1-1/4”	CAT. NO.				
1-1/2”	CAT. NO.				
2”	CAT. NO.				
2-1/2”	CAT. NO.				
3”	CAT. NO.	CRG-C3-LC-200			
3-1/2”	CAT. NO.	CRG-C3.5-LC-200	CRG-C3.5-LC-250		
4”	CAT. NO.	CRG-C4-LC-200	CRG-C4-LC-250	CRG-C4-LC-300	
4-1/2”	CAT. NO.	CRG-C4.5-LC-200	CRG-C4.5-LC-250	CRG-C4.5-LC-300	CRG-C4.5-LC-350
5”	CAT. NO.	CRG-C5-LC-200	CRG-C5-LC-250	CRG-C5-LC-300	CRG-C5-LC-350
6”	CAT. NO.	CRG-C6-LC-200	CRG-C6-LC-250	CRG-C6-LC-300	CRG-C6-LC-350

Conduit Riser Grips Number Structure

Product Type	-	Conduit Size	-	Mesh Style	-	Mesh Diameter
CRG = Conduit Riser Grips		0.75" thru 6"		**CM** = Closed Mesh **LC** = Lace Closing **RC** = Rod Closing		Lower Diameter Range of Mesh

DOUBLE WEAVE, SPLIT MESH, LACE CLOSING

Made in the USA

• Stranded tinned bronze wire.

For temporary support when cable end is not available.

	CABLE SIZE INCHES	.75-.99	1.00-1.24	1.25-1.49	1.50-1.74	1.75-1.99
	LENGTH	11”	12”	13”	14”	15”
CONDUIT SIZE	APX. BRK. STR. LBS.	1020 560	1610 890	1610 890	1610 890	2150 1180
1-1/4”	CAT. NO.	CRG-C1.25-RC-075				
1-1/2”	CAT. NO.	CRG-C1.5-RC-075	CRG-C1.5-RC-100			
2”	CAT. NO.	CRG-C2-RC-075	CRG-C2-RC-100	CRG-C2-RC-125		
2-1/2”	CAT. NO.	CRG-C2.5-RC-075	CRG-C2.5-RC-100	CRG-C2.5-RC-125	CRG-C2.5-RC-150	CRG-C2.5-RC-175
3”	CAT. NO.	CRG-C3-RC-075	CRG-C3-RC-100	CRG-C3-RC-125	CRG-C3-RC-150	CRG-C3-RC-175
3-1/2”	CAT. NO.	CRG-C3.5-RC-075	CRG-C3.5-RC-100	CRG-C3.5-RC-125	CRG-C3.5-RC-150	CRG-C3.5-RC-175
4”	CAT. NO.	CRG-C4-RC-075	CRG-C4-RC-100	CRG-C4-RC-125	CRG-C4-RC-150	CRG-C4-RC-175
4-1/2”	CAT. NO.	CRG-C4.5-RC-075	CRG-C4.5-RC-100	CRG-C4.5-RC-125	CRG-C4.5-RC-150	CRG-C4.5-RC-175
5”	CAT. NO.	CRG-C5-RC-075	CRG-C5-RC-100	CRG-C5-RC-125	CRG-C5-RC-150	CRG-C5-RC-175
6”	CAT. NO.	CRG-C6-RC-075	CRG-C6-RC-100	CRG-C6-RC-125	CRG-C6-RC-150	CRG-C6-RC-175

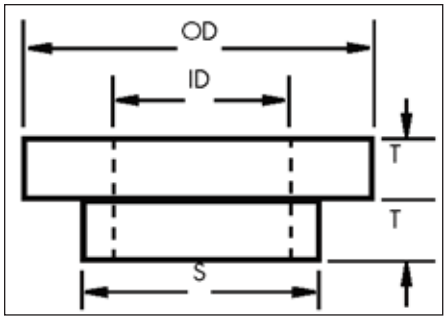
	CABLE SIZE INCHES	2.00-2.49	2.50-2.99	3.00-3.49	3.50-3.99
	LENGTH	16”	17”	19”	20
CONDUIT SIZE	APX. BRK. STR. LBS.	3260 1795	3260 1795	4080 2245	4080 2245
1-1/4”	CAT. NO.				
1-1/2”	CAT. NO.				
2”	CAT. NO.				
2-1/2”	CAT. NO.				
3”	CAT. NO.	CRG-C3-RC-200			
3-1/2”	CAT. NO.	CRG-C3.5-RC-200	CRG-C3.5-RC-250		
4”	CAT. NO.	CRG-C4-RC-200	CRG-C4-RC-250	CRG-C4-RC-300	
4-1/2”	CAT. NO.	CRG-C4.5-RC-200	CRG-C4.5-RC-250	CRG-C4.5-RC-300	CRG-C4.5-RC-350
5”	CAT. NO.	CRG-C5-RC-200	CRG-C5-RC-250	CRG-C5-RC-300	CRG-C5-RC-350
6”	CAT. NO.	CRG-C6-RC-200	CRG-C6-RC-250	CRG-C6-RC-300	CRG-C6-RC-350

SINGLE WEAVE, SPLIT MESH, ROD CLOSING

Made in the USA

Conduit Rings

Select Conduit Ring Dimension from chart to the right.
Conduit Rings are cast bronze, zinc plated to resist corrosion



Conduit Ring Dimensions

CONDUIT SIZE	RING NO.	O.D.	I.D.	S	T
3/4”	C-3/4”	.94	.62	-	.19
1”	C-1	1.31	.93	-	.19
1-1/4”	C-1-1/4	1.50	1.03	1.31	.16
1-1/2”	C-1-1/2	1.76	1.23	1.52	.16
2”	C-2	2.23	1.55	1.97	.16
2-1/2”	C-2-1/2	2.67	2.05	2.40	.16
3”	C-3	3.20	2.55	2.97	.22
3-1/2”	C-3-1/2	3.80	3.05	3.47	.22
4”	C-4	4.30	3.55	3.94	.22
4-1/2”	C-4-1/2	4.80	4.03	4.45	.22
5”	C-5	5.30	4.46	4.96	.22
6”	C-6	6.30	5.36	5.96	.25

For Ericson Conduit Riser Grips only use to determine grip size when multiple cables are held in a Single Conduit Riser Grip

- Under "Number of cables in one grip," find diameter of your cable in vertical column.
- Read grip size and grip diameter range to the right.
- If your diameter is the maximum of the range shown, go to the next larger size for split grips, stay with the same size for closed grips.
- Example: 3 cables, each with .85 diameter, for a closed grip select the 1.50 - 1.74 range, for a split grip use 1.75 - 1.99.

For Cables Of Equal Diameters

NUMBER OF EQUAL DIAMETER CABLES IN ONE GRIP							
2	3	4	5	6 and7	8	9	GRIP DIAM. RANGE
.29-.36	.24-.30	.21-.25	.18-.22	.16-.20	.15-.18	.14-.17	.50-.62
.37-.43	.31-.36	.26-.30	.23-.27	.21-.24	.19-.22	.18-.20	.63-.74
.44-.58	.37-.48	.31-.41	.28-.36	.25-.32	.23-.29	.21-.27	.75-.99
.59-.72	.49-.60	.42-.51	.37-.45	.33-.40	.30-.36	.28-.34	1.00-1.24
.73-.87	.61-.72	.52-.61	.46-.54	.41-.48	.37-.43	.35-.40	1.25-1.49
.88-1.01	.73-.85	.62-.71	.55-.63	.49-.56	.44-.51	.41-.47	1.50-1.74
1.02-1.16	.86-.96	.72-.81	.64-.72	.57-.64	.52-.58	.48-.54	1.75-1.99
1.17-1.44	.97-1.20	.82-1.02	.73-.90	.65-.80	.59-.72	.55-.67	2.00-2.49
1.45-1.73	1.21-1.45	1.03-1.22	.91-1.08	.81-.96	.73-.87	.68-.81	2.50-2.99
1.74-2.02	1.46-1.69	1.23-1.43	1.09-1.26	.97-1.11	.83-1.01	.82-.94	3.00-3.49
2.03-2.31	1.70-1.93	1.44-1.63	1.27-1.44	1.12-1.27	1.02-1.15	.95-1.08	3.50-3.9

Conduit Riser Grips Number Structure

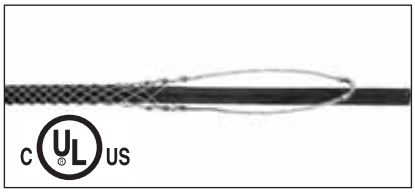
Product Type	-	Conduit Size	-	Mesh Style	-	Mesh Diameter
CRG = Conduit Riser Grips		0.75" thru 6"		**CM = Closed Mesh** **LC** = Lace Closing **RC** = Rod Closing		Lower Diameter Range of Mesh

Made in the USA

Support Grips - Bus Drop Grips

- High strength galvanized steel strand.
- Ericson Bus Drop Grips are easily installed and absorb tension, vibration, and pull with no damage.
- They support flexible cord or Bus Drop Cable at bus duct or industrial areas.
- Single eye can be used with springs by disassembling draw bar from coil, placing through eye and replacing draw bar.
- Hook eyes available, please consult factory.

SINGLE EYE, WIDE RANGE

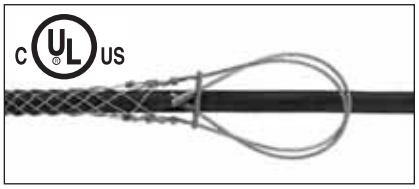


CATALOG NUMBER	DIA. RA.	APPROX. BREAKING STRENGTH	LENGTH	
			E*	M
*BD-022-SE	.22-.32	350LBS.	3	3-1/2**
*BD-030-SE	.30-.43	450LBS.	4	4
*BD-041-SE	.41-.56	550LBS.	6	4-3/4
*BD-053-SE	.53-.73	1000LBS.	7	6
*BD-070-SE	.70-.85	1400LBS.	7	6-3/4
*BD-082-SE	.82-1.00	1400LBS.	8	8
*BD-096-SE	.96-1.25	1500LBS.	9	9-1/2
BD-125-SE	1.25-1.50	1800LBS.	10	12-1/2**

DRY LOCATION ONLY

c UL us ***Except Where Noted**

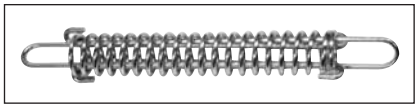
UNIVERSAL BALE, WIDE RANGE



CATALOG NUMBER	DIA. RA.	APPROX. BREAKING STRENGTH	LENGTH	
			E*	M
BD-022-UB	.22-.32	350LBS.	9	3-1/2**
*BD-030-UB	.30-.43	450LBS.	10	4
*BD-041-UB	.41-.56	550LBS.	12	4-3/4
*BD-053-UB	.53-.73	1000LBS.	13	6
*BD-070-UB	.70-.85	1400LBS.	13	6-3/4
*BD-082-UB	.82-1.00	1400LBS.	14	8
*BD-096-UB	.96-1.25	1500LBS.	15	9-1/2

DRY LOCATION ONLY

BUS DROP SAFETY SPRINGS



CATALOG NUMBER	MAXIMUM DEFLECTION	APPROX. BREAKING STRENGTH	LENGTH (NO LOAD)	
			L	D
40LB SPRING	2-1/8 @40 LBS.	SPRING	600 LBS.	8-1/4
80LB SPRING	3-1/8 @80 LBS.	SPRING	850 LBS.	8-1/4

E = Eye Length M = Mesh Length at Nominal Diameter (Inches)

* Dim with Bale Fully Extended
** Not UL Listed

Bus Drops & Service Drops Number Structure

Product Type	-	Mesh Diameter	-	Eye Style

BD = Bus Drops
SD = Service Drops
SDHD = Service Drops Heavy Duty (Double Weave)

Lower Diameter Range of Mesh

SE = Single Eye
UB = Universal Bale

Made in the USA

Caution: When selecting a grip, never use to their approximate breaking strength. Refer to Technical Reference section for safety and working load factors.

Flag label shows catalog number, full description containing diameter range, barcode, mfg date, and MADE IN USA!

Flexible eyes will mate easily with line stringing swivels and links for attachment to pulling lines. They have great strength for trouble free pulling jobs.

When using a Pulling Grip, these shoulder protectors contain the cable inside of the grip and allow for a smooth passage of the grip through conduit bends.

All Ericson Pulling Grips utilize galvanized steel mesh strand that provides superior pulling grip strength and flexibility to follow the cable path of the installation.

Double weave construction is available for added strength with greater mesh contact on the cable to handler longer or heavier pulling requirements.

Closed Mesh weave allows for easy installation onto cable and is designed to be a reusable tool.

Made in the USA

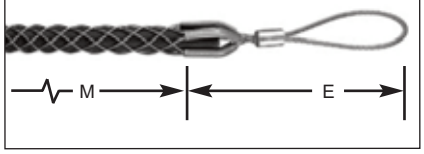
How To Select The Correct Pulling Grip	
Step 1	Choose a pulling grip style that is best suited for your application. Junior Pulling Grips cable diameter range = .25 to 1.25" and Breaking Strength = 450 to 3900 lbs. Light Duty Grips cable diameter range = .50 to 3.99" and Breaking Strength = 2800 to 14700 lbs. Utility Pulling Grips cable diameter range = .50 to 6.99" and Breaking Strength range = 4500 to 48000 lbs.
Step 2	Determine your cable outside diameter. Refer to Technical Reference section.
Step 3	Find the mesh grip size that encompasses your cable diameter.
Step 4	IMPORTANT! Estimate the tension to be put on the grip, establish the working load you require and compare this to the listed approximate breaking strength of the grip to insure that the grip will be strong enough. For Pulling Grips, use a Safety Factor of 5. Refer to Refer to Technical Reference section for safety and working load considerations.

Made in the USA

Pulling Grips - Light Duty/Low Tension

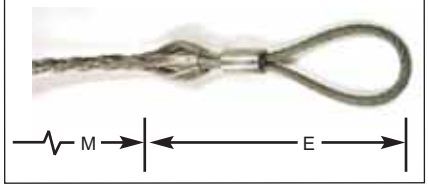
- High grade galvanized steel strand.
- They are single weave with a flexible eye for easy attachment to a pulling line.
- Ericson Light Duty Pulling Grips are used in general underground electrical construction where pulling tensions are low.

SHORT



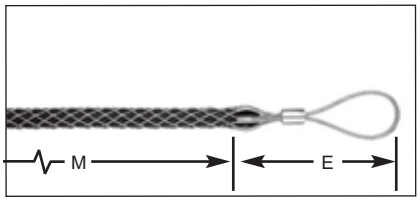
CATALOG NUMBER	DIA. RA.	APPROX. BREAKING STRENGTH	LENGTH	
			E	M
LDPG-050-S	.50-.61	2800LBS.	5	11
LDPG-062-S	.62-.74	2800LBS.	5	11
LDPG-075-S	.75-.99	4000LBS.	6	12
LDPG-100-S	1.00-1.24	5300LBS.	7	13
LDPG-125-S	1.25-1.49	5300LBS.	7	14
LDPG-150-S	1.50-1.74	6800LBS.	8	15
LDPG-175-S	1.75-1.99	8500LBS.	8	17
LDPG-200-S	2.00-2.49	8500LBS.	9	18
LDPG-250-S	2.50-2.99	10600LBS.	9	18
LDPG-300-S	3.00-3.49	14700LBS.	10	20

STANDARD



CATALOG NUMBER	DIA. RA.	APPROX. BREAKING STRENGTH	LENGTH	
			E	M
LDPG-050	.50-.61	2800LBS.	5	16
LDPG-062	.62-.74	2800LBS.	5	16
LDPG-075	.75-.99	4000LBS.	6	20
LDPG-100	1.00-1.24	6800LBS.	7	20
LDPG-125	1.25-1.49	6800LBS.	7	21
LDPG-150	1.50-1.99	6800LBS.	8	23
LDPG-200	2.00-2.49	8500LBS.	9	25
LDPG-250	2.50-2.99	10600LBS.	9	27
LDPG-300	3.00-3.50	14700LBS.	10	30
LDPG-350	3.50-3.99	14700LBS.	10	32

JUNIOR PULLING
For attaching to a pulling line, fish tape or snake.



CATALOG NUMBER	DIA. RA.	APPROX. BREAKING STRENGTH	LENGTH	
			E	M
JPG-25	.25-.36	450 LBS.	3-1/4	4-1/4
JPG-37	.37-.49	900 LBS.	3-1/4	7
JPG-50	.50-.61	1300 LBS.	4-1/4	8-1/2
JPG-62	.62-.74	1950 LBS.	5	10
JPG-75	.75-.99	2800 LBS.	5-3/4	10
JPG-100	1.00-1.25	3900 LBS.	6-1/2	11-1/2
JPG-KIT	.25-1.25			
INCLUDES:	JPG-25, JPG-37			
	JPG-50, JPG-62			
	JPG-75, JPG-100			

E = Eye Length M = Mesh Length at Nominal Diameter (Inches)

Pulling Grips Number Structure

Product Type	-	Mesh Diameter	-	Eye Style
LDPG = Light Duty Pulling Grips **JPG** = Junior Pulling Grips **UPG** = Utility Pulling Grips		Lower Diameter Range of Mesh		**FE** = Flexible Eye **S** = Short

Caution: When selecting a grip, never use to their approximate breaking strength. Refer to Technical Reference section for safety and working load factors.

Made in the USA

- High strength galvanized steel strand.
- Pulling Grips are double weave for added strength with greater mesh contact on the cable to handle longer or heavier pulling jobs.

Standard, Flexible Eye

CATALOG NUMBER	DIA. RA.	APPROX. BREAKING STRENGTH	LENGTH	
			E	M
UPG-50-FE	.50-.61	4500LBS.	5	16
UPG-62-FE	.62-.74	5600LBS.	5	16
UPG-75-FE	.75-.99	6800LBS.	6	32
UPG-100-FE	1.00-1.49	9600LBS.	7	33
UPG-150-FE	1.50-1.99	16400LBS.	7	34
UPG-200-FE	2.00-2.49	18500LBS.	9	36
UPG-250-FE	2.50-2.99	24500LBS.	10	38
UPG-300-FE	3.00-3.49	24500LBS.	10	39
UPG-350-FE	3.50-3.99	31000LBS.	10	41

For shorter or longer mesh please consult factory.

Pulling Grips Number Structure

Product Type	-	Mesh Diameter	-	Eye Style
LDPG = Light Duty Pulling Grips **JPG** = Junior Pulling Grips **UPG** = Utility Pulling Grips		Lower Diameter Range of Mesh		**FE** = Flexible Eye **S** = Short

Made in the USA

Caution: When selecting a grip, never use to their approximate breaking strength. Refer to Technical Reference section for safety and working load factors.

Wide Range Grips | **Cord Grips** | **Deluxe Cord Grips** | **I - Grips**

Ericson's Strain Relief Grip and Mesh eliminates cable pullout to reduce a loss of service resulting in costly downtime. The endless mesh weave provides easy cable installation that is woven with stainless steel providing corrosion resistance for all applications. A NPT and PG threaded body allows for easy attachment to either a threaded hub or knock-out in box.

Made in the USA

How To Select A Strain Relief Grip

How to select a Strain Relief Grip
Step 1 Refer to chart below to determine which Strain Relief Grip style is best suited for your application.
Step 2 Determine outside diameter of cable.
Step 3 Is the application environment indoors or outdoors?
Step 4 Select N.P.T. size and fitting style.

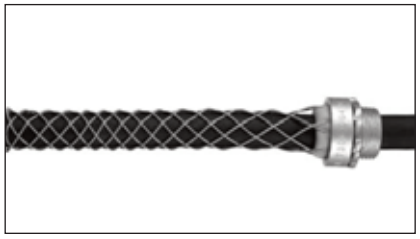
Strain Relief Grip Style	Application	Features
Wide Range Grip 	Indoor use only for wiring of electrical enclosures, portable power tools, bus drop cable systems, etc	Aluminum Body Stainless Steel Mesh Grip Range = .25 to 2.45"
Deluxe Cord Grip 	Outdoors or indoors rated where item are subjected to moisture or splash. Examples are hand tools, pendant drops for cranes and hoists, or pumps and processing equipment.	Aluminum Nut Aluminum Body Neoprene Bushing Stainless Steel Mesh with Aluminum Collars Grip Range = .18 to 3.25"
Cord Grips 	Outdoors or indoors rated where items are subjected to moisture or splash	Aluminum Nut Aluminum Body Neoprene Bushing
I - Grips 	Provides additional strain relief for Plugs and Connectors while controlling the cable arc of bend. For indoor use only.	High Strength Galvanized Strand Grip Range = .30 to 1.25"

Made in the USA

Strain Relief Grips - Wide Range

- Ericson Strain Relief Grips are wide range mesh construction with single weave, galvanized steel mesh.
- The one piece design is easy to install.
- Ericson Strain Relief Grips are used to connect flexible cord or bus drop cable to electrical enclosures, also prevents cord or cable pullout.
- Insulating bushing available for non-insulated aluminum fittings.
- Available with locknut and pvc gasket for a dirt and dust free seal.
- Dry locations only.

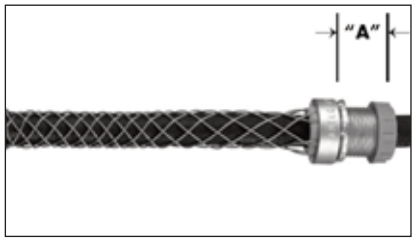
SR SERIES Non-Insulated Wide Range Strain Relief



CATALOG NUMBER	DIA. RA.	THREAD SIZE NPT (INCHES)	LENGTH @ NOM DIA. (IN.)
SR-022	.24-.32	1/2	3-1/4
SR-030	.32-.43	1/2	3-3/4
SR-040	.43-.54	1/2	4-3/4
SR-052	.54-.73	3/4	6-1/2
SR-070	.73-.97	1	7
SR-094	.97-1.25	1-1/4	9

DRY LOCATION ONLY

SRP SERIES Insulated Wide Range Strain Relief with Insulating Bushing



CATALOG NUMBER	DIA. RA.	THREAD SIZE NPT (INCHES)	LENGTH @ NOM DIA. (IN.)	DIM. A (INCHES)
SRI-022	.24-.32	1/2 N.P.S.	3-1/4	1
SRI-030	.32-.43	1/2 N.P.S.	3-3/4	1
SRI-040	.43-.54	1/2 N.P.S.	4-3/4	1
SRI-052	.54-.73	3/4 N.P.S.	6-1/2	1
SRI-070	.73-.97	1 N.P.S.	7	1-3/16
SRI-094	.97-1.25	1-1/4 N.P.S.	9	1-3/16
SRI-120	1.25-1.50	1-1/2 N.P.T.	11-3/4	1-3/16
SRI-140	1.50-1.70	2 N.P.T.	13-1/4	1-3/8
SRI-162	1.70-2.00	2-1/2 N.P.T.	13-1/2	1-1/2
SRI-200	2.00-2.45	2-1/2 N.P.T.	13-3/4	1-1/2

DRY LOCATION ONLY

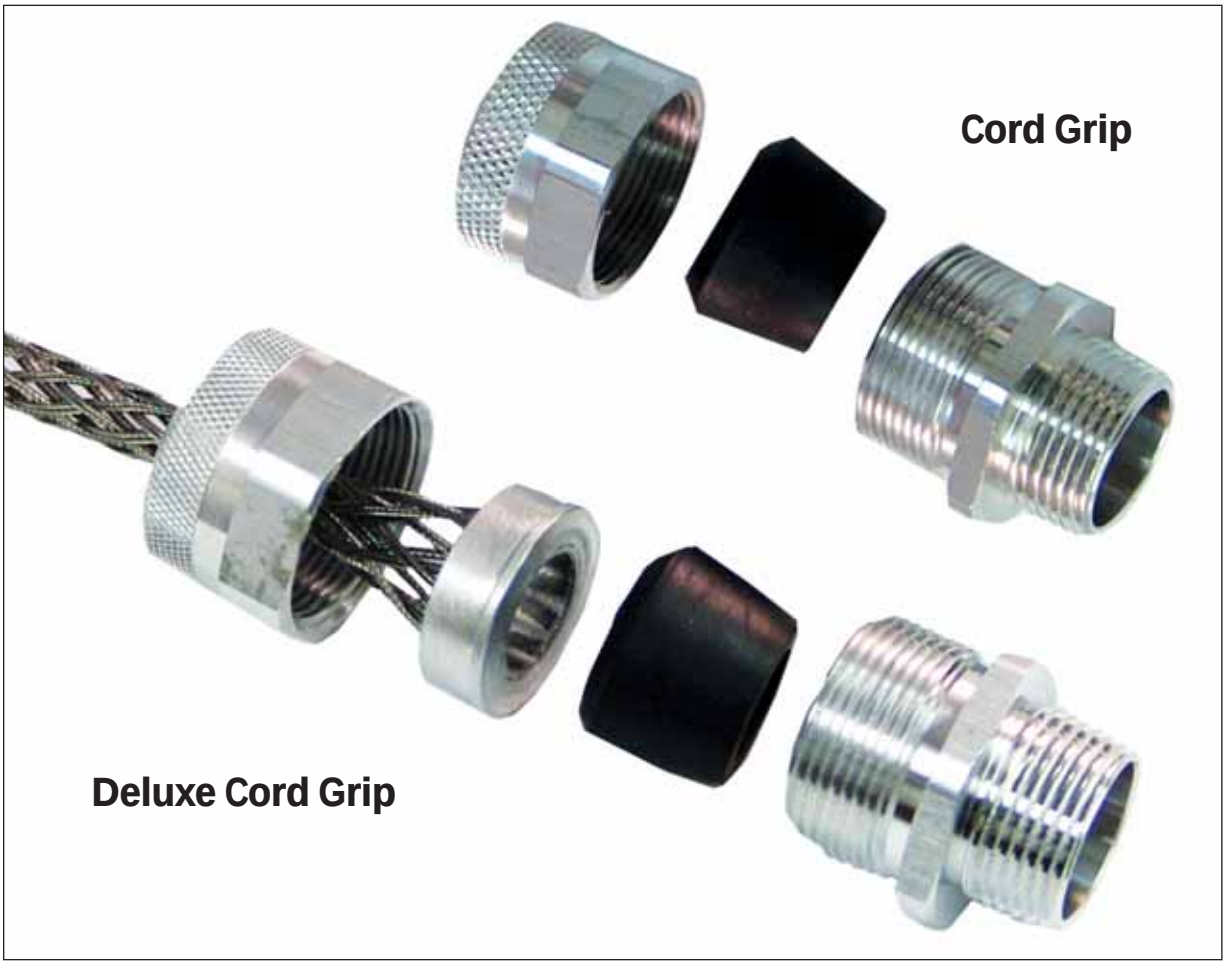
Strain Relief Number Structure

Product Type	-	Mesh Diameter

SR = Strain Relief
SRI = Strain Relief Insulated

Lower Diameter Range of Mesh

Made in the USA



Features
- Indoor and outdoor use
- Prevents cord pull-out
- For use where cable is exposed to moisture or submersion
- Eliminates fatigue points
- Control cable arc-of-bend

Cord Grip Materials
- Aluminum Nut
- Aluminum Body
- Neoprene Bushing

Deluxe Cord Grip Materials
- Aluminum Nut
- Aluminum Body
- Neoprene Bushing
- SST Mesh with aluminum collars

Applications
- Wiring Enclosures
- Pumps
- Compressors
- Construction
- Hand Tools
- Processing Equipment
- Material Handling Equipment
- Motors & Machine Tools

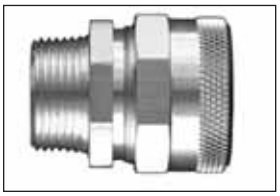
COMPLIANCES:
National Electrical Code
Articles 400-10 and 400-14
NEMA standars FB1-1983
Fed. Spec. W-C-586c
Mil Spec 100 and 130

Available upon request
- Metal Clad Sealing "O" Ring
- Locknut

Suitable for use in hazardous locations under NEC Sec 501-4(b), 502-4(a)(2), and 503-2(a). For Class 1, Div 2; Class II, Div 1 and 2; and Class III, Div 1 and 2.

Made in the USA

STRAIGHT CORD CONNECTORS Machined Aluminum



MACHINED ALUMINUM			
NPT HUB SIZE	DIAMETER RANGE INCHES	FORM SIZE	CATALOG NUMBER
3/8”	.062-.125	F1	CG-12-F1
	.125-.187		CG-18-F1
	.187-.250		CG-25-F1
	.250-.312		CG-3I-F1
	.312 · .375		CG-37-F1
	.375-.437		CG-43-F1
1/2”	062-.125	F2	CG-12-F2
	.125-.187		CG-18-F2
	.187-.250		CG-25-F2
	.250-.375		CG-37-F2
	.312-.437		CG-43-F2
	.375-.500		CG-50-F2
3/4”	.375-.500	F3	CG-50-F3
	.500-.625		CG-62-F3
	.625-.750		CG-75-F3
	.750-.875		CG-87-F3
1”	.375-.500	F4	CG-50-F4
	.500-.625		CG-62-F4
	.625-.750		CG-75-F4
	.750-.875		CG-87-F4
	.875-1.00		CG-100-F4
	1.00- 1.12		CG-112-F4
1 1/4”	.750-.875	F5	CG-87-F5
	.875-1.00		CG-100-F5
	1.00-1.125 F5		CG-112-F5
	1.125-1.250		CG-125-F5
	1.250-1.375		CG-137-F5
	1.375-1.437		CG-143-F5
1 1/2”	.750-.875	F6	CG-87-F6
	.875-1.00		CG-100-F6
	1.00-1.125		CG-112-F6
	1.125-1.25		CG-125-F6
	1.25-1.375		CG-137-F6
	1.375-1.437		CG -143-F6

Made in the USA

STRAIGHT CORD CONNECTORS CASTINGS Cast Aluminum

ALUMINUM 2" -3" NPT			
NPT HUB SIZE	DIAMETER RANGE INCHES	FORM SIZE	CATALOG NUMBER
2"	.250-1.375	F7	CG-137-F7
	1.375-1.500		CG-150-F7
	1.500-1.625		CG-162-F7
	1.625-1750		CG-175-F7
	1.750-1.875		CG-187-F7
	1.875-1.937		CG-193-F7
	1.937-2.000		CG-200-F7
2 1/2"	1.688-1.812	F8	CG-181-F8
	1.812-1.937		CG-193-F8
	1.937-2.062		CG-206-F8
	2062-2188		CG-218-F8
	2.188-2.312		CG-231-F8
	2.312-2.437		CG-243-F8
3"	2.437-2.625	F9	CG-262-F9
	2.625-2.812		CG-281-F9
	2.812-3.000		CG-300-F9
	3.000-3.250		CG-325-F9

Made in the USA

90˚ MALE CORD CONNECTORS

MACHINED ALUMINUM			
NPT HUB SIZE	DIAMETER RANGE INCHES	FORM SIZE	CATALOG NUMBER
3/8”	.062-.125	F1	CG-12-F1-90
	.125-.187		CG-18-F1-90
	.187-.250		CG-25-F1-90
	.250-.312		CG-31-F1-90
	.312-.375		CG-37-F1-90
	.375-.437		CG-43-F1-90
1/2”	.062-.125	F2	CG-12-F2-90
	.125-.187		CG-18-F2-90
	.187-.250		CG-25-F2-90
	.250-.375		CG-37-F2-90
	.312-.437		CG-43F-2-90
	.375-.500		CG-50-F2-90*
	.500-.625		CG-62-F2-90*
3/4”	.375-.500	F3	CG-50-F3-90
	.500-.625		CG-62-F3-90
	.625-.750		CG-75-F3-90*
	.750-.875		CG-87-F3-90*
1”	.375-.500	F4	CG-50-F4-90
	.500-.625		CG-62-F4-90
	.625-.750		CG-75-F4-90
	.750-.875		CG-87-F4-90
	.875-1.000		CG-100-F4-90*
	1.00-1.125		CG-112-F4-90*
1 1/4”	.750-.875	F5	CG-87-F5-90
	.875-1.000		CG-100-F5-90
	1000-1.125		CG-112-F5-90
	1.125-1.250		CG-125-F5-90*
	1.250-1.375		CG-137-F5-90*
	1.375-1.437		CG-143-F5-90*
1 1/2”	.750-.875	F6	CG-87-F6-90
	.875-1.000		CG-100-F6-90
	1.000-1.125		CG-112-F6-90
	1.125-1.250		CG-125-F6-90
	1.250-1.375		CG-137-F6-90
	1.375-1.437		CG-143-F6-90
2”	1.250-1.375	F7	CG-137-F7-90
	1.375-1.500		CG-150-F7-90
	1.500-1.625		CG-162-F7-90
	1.625-1150		CG-175-F7-90
	1.750-1.875		CG-187-F7-90
	1.875-1937		CG-193-F7-90
	1.937-2.000		CG-200-F7-90*

*Cable jacket may have to be stripped to pass through connector.

Made in the USA

Strain Relief Grips - Deluxe Cord Grips

- Ericson Deluxe Cord Grips are used whenever cable or cord must withstand extreme applications and environmental conditions.
- Widely used with switch boxes, power duct cut-outs, drop stations, power hand tools, moving catalogs of machinery, pumps, compressors, and bus drop installations.
- Endless weave provides smooth cable-hugging ends for construction free installation.




THREAD SIZE N.P.T.	GRIP DIAM. RANGE INCHES	MALE THREAD DESCRIPTION	90° MALE THREAD DESCRIPTION	45° MALE THREAD DESCRIPTION	FEMALE THREAD DESCRIPTION
3/8”	.18-.25	DCG-25-F1	DCG-25-F1-90	DCG-25-F1-45	DCG-25-F1-F
	.25-.37	DCG-37-F1	DCG-37-F1-90	DCG-37-F1-45	DCG-37-F1-F
	.37-.43	DCG-43-F1	DCG-43-F1-90	DCG-43-F1-45	DCG-43-F1-F
1/2”	.18-.25	DCG-25-F2	DCG-25-F2-90	DCG-25-F2-45	DCG-25-F2-F
	.25-.37	DCG-37-F2	DCG-37-F2-90	DCG-37-F2-45	DCG-37-F2-F
	.31-.43	DCG-43-F2	DCG-43-F2-90	DCG-43-F2-45	DCG-43-F2-F
	.37-.50	DCG-50-F2	DCG-50-F2-90	DCG-50-F2-45	DCG-50-F2-F
	.50-.62	DCG-62-F2	DCG-62-F2-90	DCG-62-F2-45	DCG-62-F2-F
3/4”	.18-.25	DCG-25-F3	DCG-25-F3-90	DCG-25-F2-45	DCG-25-F3-F
	.25-.37	DCG-37-F3	DCG-37-F3-90	DCG-37-F2-45	DCG-37-F3-F
	.37-.50	DCG-50-F3	DCG-50-F3-90	DCG-50-F2-45	DCG-50-F3-F
	.50-.62	DCG-62-F3	DCG-62-F3-90	DCG-62-F2-45	DCG-62-F3-F
	.62-.75	DCG-75-F3	DCG-75-F3-90	DCG-75-F2-45	DCG-75-F3-F
1”	.37-.50	DCG-50-F4	DCG-50-F4-90	DCG-50-F2-45	DCG-50-F4-F
	.50-.62	DCG-62-F4	DCG-62-F4-90	DCG-62-F2-45	DCG-62-F4-F
	.62-.75	DCG-75-F4	DCG-75-F4-90	DCG-75-F2-45	DCG-75-F4-F
	.75-.87	DCG-87-F4	DCG-87-F4-90	DCG-87-F4-45	DCG-87-F4-F
	.87-1.00	DCG-100-F4	DCG-100-F4-90	DCG-100-F4-45	DCG-100-F4-F
1-1/4”	.75-.87	DCG-87-F5	DCG-87-F5-90	DCG-87-F5-45	DCG-87-F5-F
	.87-1.00	DCG-100-F5	DCG-100-F5-90	DCG-100-F5-45	DCG-100-F5-F
	1.00-1.125	DCG-112-F5	DCG-112-F5-90	DCG-112-F5-45	DCG-112-F5-F
	1.12-1.25	DCG-125-F5	DCG-125-F5-90	DCG-125-F5-45	DCG-125-F5-F
	1.25-1.37	DCG-137-F5	DCG-137-F5-90	DCG-137-F5-90	DCG-137-F5-F

Made in the USA



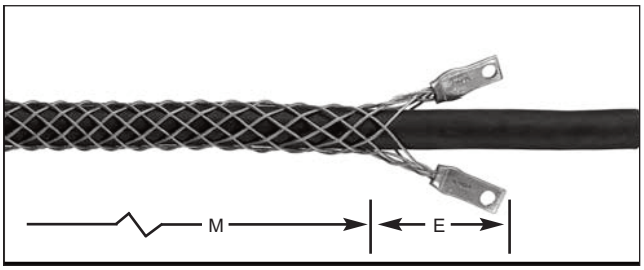

THREAD SIZE N.P.T.	GRIP DIAM. RANGE INCHES	MALE THREAD DESCRIPTION	90˚ MALE THREAD DESCRIPTION	45˚ MALE THREAD DESCRIPTION	FEMALE THREAD DESCRIPTION
1 1/2”	.75-.87	DCG-87-F6	DCG-87-F6-90	DCG-87-F6-45	DCG-87-F6-F
	.87-1.00	DCG-100-F6	DCG-100-F6-90	DCG-100-F6-45	DCG-100-F6-F
	1.00-1.125	DCG-112-F6	DCG-112-F6-90	DCG-112-F6-45	DCG-112-F6-F
	1.125-1.25	DCG-125-F6	DCG-125-F6-90	DCG-125-F6-45	DCG-125-F6-F
	1.25 - 1.37	DCG-137-F6	DCG-137-F6-90	DCG-137-F6-45	DCG-137-F6-F
	1.37 - 1.43,	DCG-143-F6	DCG-143-F6-90	DCG-143-F6-90	DCG-143-F6-F
2”	1.20-1.375	DCG-137-F7	DCG-137-F7-90		
	1.375-1.500	DCG-150-F7	DCG-150-F7-90		
	1.500-1.625	DCG-162-F7	DCG-162-F7-90		
	1.625-1.750	DCG-175-F7	DCG-175-F7-90		
	1.750-1.875	DCG-187-F7	DCG-187-F7-90		
	1.875-1.937	DCG-193-F7	DCG-193-F7-90		
	1.937-2.000	DCG-200-F7	DCG-200-F7-90		
2 1/2”	1.687-1.812	DCG-181-F8			
	1.812-1.937	DCG-193-F8			
	1.937-2.062	DCG-206-F8			
	2.062-2.187	DCG-218-F8			
	2.187-2.312	DCG-231-F8			
	2.312-2.437	DCG-243-F8			
3”	2.437-2.625	DCG-262-F9			
	2.625-2.812	DCG-281-F9			
	2.812-3.000	DCG-300-F9			
	3.000-3.250	DCG-325-F9			

Made in the USA

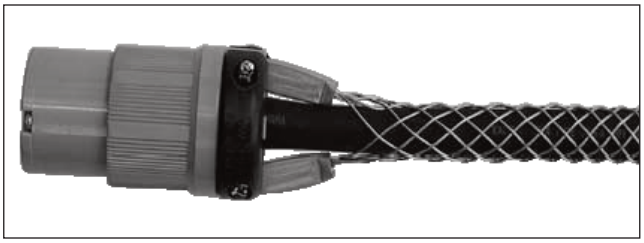
Strain Relief Grips - I-Grips

- Ericson - Grips are easy to attach, will control cable-arc-of bend, and provide heavy duty strain relief for plugs and connectors used on portable equipment where abnormal high strain abuse occurs.
- Ericson- Grips are made of high strength galvanized steel strand and are recommended for indoor use only.

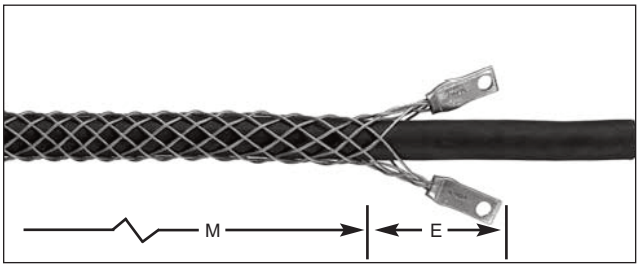
I - GRIPS GALVANIZED



CATALOG NUMBER	CABLE DIAMETER RANGE INCHES	E	M
I-030	.30-.43	1.25	4
I-040	.40-.56	1.25	4-3/4
I-052	.52-.73	1.50	6
I-070	.70-.85	1.50	6-1/2
I-082	.82-1.00	1.50	8
I-094	.94-1.25	1.50	10



I - GRIPS NYLON COATED



CATALOG NUMBER	CABLE DIAMETER RANGE INCHES	E	M
I-030-NC	.30-.43	1.25	4
I-040-NC	.40-.56	1.25	4-3/4
I-052-NC	.52-.73	1.50	6
I-070-NC	.70-.85	1.50	6-1/2
I-082-NC	.82-1.00	1.50	8
I-094-NC	.94-1.25	1.50	10

E = Eye Length **M** = Mesh Length at Nominal Diameter (Inches)

Made in the USA

The Grips in the catalog have listed approximate Breaking Strength. The approximate breaking strength of an Ericson grip represents an average calculation based on test factors, which have been determined from data established from actual testing performed in our engineering laboratories. The actual testing is performed with new Grips on metal rods, subject to straight longitudinal tensile loads applied at a uniform rate. Normal manufacturing and test factors can produce a variation + or - 20% in the approximate breaking strength values listed.

The broad application of Ericson Grips on a wide variety of objects require that adequate safety factors be used to establish a safe working load. The ratio of the listed approximate breaking strength to the normal working load is the safety factor. As an example, a safety factor of ten (10) would then mean the working load is established by dividing the catalog listed approximate breaking strength by ten (10), or it can be stated that the working load is 1/10 of the catalog listed approximate breaking strength.

To determine the recommended working load safety factor for cable grips, divide the approximate breaking strength by 5 for Pulling Grips and 10 for Support Grips.
Example: For Pulling Grips, 30,000 / 5 Safety Factor = 6000 lbs which is the workload factor.
Example: For Support Grips, 11,000 / 10 Safety Factor = 1100 lbs which is the workload factor.

It is impossible to set a safety factor suitable for all cases as operating conditions are never the same. The load, the speed, the acceleration, the diameter, number of objects gripped, surface of object being gripped, and the attachments used - all of these should be considered, together with the effects of abrasion, corrosion, prior use, or abuse, etc. The user-engineer must consider all the variables of his/her specific application, as well as possible accident consequences, before selecting the safety
factor to be applied. Where the conditions of the application are not well defined or where risk of personnel or property damage is high, a greater safety factor should be utilized.

Any warranty as to quality, performance or fitness for use of Grips is always premised on the condition that the published approximate breaking strengths apply only to new, unused grips and that such products are properly stored, handled, used, maintained, and properly inspected from time to time during the period of use.

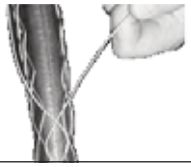
The factory should be consulted for specific application recommendations where approximate breaking strength and holding power are critical.

Made in the USA

- Single weave Grips should be laced with single strand lacing; double weave with double strand.
- Lacing strands should be the same material as the Grip.

1

Start the lacing at the lead or anchoring end of all the Grip. Thread the lacings through the first loops of the split and pull through until the lacings are centered at this point. Lace as you would your shoe, cross-ing the lacings before lacing the next two loops.



2

Don't pull lacing too tight. leave a space between adjoining loops approximately equal to the width of one dia-mond of the mesh.

3

Twist the lacing strands tightly together at the tail end of the Grip.

4

Wrap the ends of the lac-ings once or twice tight-ly around the tail of the Grip, twisting the ends together securely. Excess lace can be cut off.

Split Grips, closed with a rod, eliminate the time and guesswork of on-the-job lacing. The stainless steel rod is a precise built-in feature which makes threading easy and fast. The strands of the mesh pass around the rod and match up with the strands from the opposite direction. The rod does not touch the cable at any point and therefore cannot cut the cable. Rod Closing Grips are salvageable; may be removed and reused as many times as desired.

FAST TO INSTALL

Wrap the Grip around the cable and thread the rod through the preformed loops with a corkscrew motion, us-ing the curved end of the rod to engage the loops. The action required is a steady push and twist simultaneously. The fingers of the left hand are used to bring the loops together just ahead of the hook on the end of the rod. To remove, simply pull the rod out.

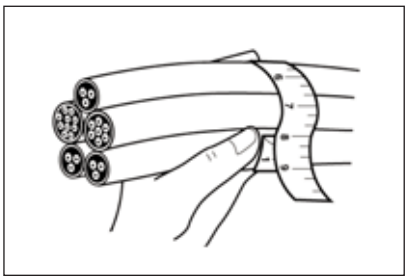
1

2

3

Made in the USA

Selecting Proper Sized Pulling and Support Grips



How To Select Proper Grip Size For One Or More Cables Of EQUAL Diameter
Example: For four cables bundled together, each with a diameter of 0.30":
Step 1 Locate "4 Cables" column
Step 2 Read down column to range (0.28" - .031")
Step 3 Read across line to Grip Diameter Range (.062" - .075")

Grip size is based on the outside diameter or circumference of the cable(s). Use Selection Table 1 to determine the Grip Diameter Range for one or more cables of equal diameter.

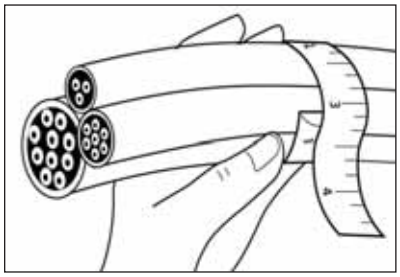
Grip Selection Table for One or More Cables of Equal Diameter
1) Read across top line for number of cables in one grip
2) Read down for diameter of each cable
3) Read across line to Grip Diameter Range column

Table 1: Decimal and Fractional Inch Cable Diameters — for One or More Cables of Equal Diameter

1 Cable		2 Cables		3 Cables		4 Cables		Grip Diameter Range
0.25–0.37	1/4–3/8	0.16–0.25	1/64–1/4	0.15–0.22	5/32–7/32	0.12–0.20	1/8–13/64	.250–.375
0.37–0.50	3/8–1/2	0.25–0.36	1/4–23/64	0.22–0.33	7/32–21/64	0.20–0.28	13/64–9/32	.375–0.50
0.50–0.62	1/2–5/8	0.27–0.36	17/64–23/64	0.26–0.33	17/64–21/64	0.24–0.28	15/64–9/32	0.50–0.75
0.62–0.75	5/8–3/4	0.36–0.45	23/64–29/64	0.33–0.36	21/64–23/64	0.28–0.31	9/32–5/16	0.62–0.75
0.75–1.00	3/4–1	0.45–0.60	29/64–39/64	0.36–0.49	23/64–31/64	0.31–0.42	5/16–27/64	0.75–1.00
1.00–1.25	1–1 1/4	0.60–0.76	39/64–49/64	0.49–0.63	31/64–5/8	0.42–0.54	27/64–35/64	1.00–1.25
1.25–1.50	1 1/4–1 1/2	0.76–0.91	49/64–29/32	0.63–0.76	5/8–49/64	0.54–0.65	35/64–21/32	1.25–1.50
1.50–1.75	1 1/2–1 3/4	0.91–1.08	29/32–1 5/64	0.76–0.89	49/64–57/64	0.65–0.77	21/32–49/64	1.50–1.75
1.75–2.00	1 3/4–2	1.08–1.23	1 5/64–1 5/64	0.89–1.02	57/64–1 1/64	0.77–0.88	49/64–7/8	1.75–2.00
2.00–2.50	2–2 1/2	1.23–1.54	1 5/64–1 35/64	1.02–1.28	1 1/64–1 9/32	0.88–1.00	7/8–1	2.00–2.50
2.50–3.00	2 1/2–3	1.54–1.84	1 35/64–1 27/32	1.28–1.53	1 9/32–1 17/32	1.10–1.32	1 3/32–1 21/64	2.50–3.00
3.00–3.50	3–3 1/2	1.84–2.15	1 27/32–2 5/32	1.53–1.79	1 17/32–1 51/64	1.32–1.54	1 21/64–1 35/64	3.00–3.50
3.50–4.00	3 1/2–4	2.15–2.45	2 5/32–2 29/64	1.79–2.05	1 51/64–2 3/64	1.54–1.76	1 35/64–1 49/64	3.50–4.00

Made in the USA

Selecting Proper Sized Pulling and Support Grips



Unequal Diameters

How To Select Proper Grip Size For Cables Of UNEQUAL Diameters
Step 1 Find the Grip Circumference Range by measuring the circumference of the bundle of different diameter cables to be gripped (see Illustration).
Step 2 Divide the bundle of circumference by 3.14 to determine the diameter.
Step 3 Choose a grip offering a range of cable diameters the same as the cable diameter.

Equal Diameters

Table 1: Decimal and Fractional Inch Cable Diameters — for One or More Cables of Equal Diameter

5 Cables		6 & 7 Cables		8 Cables		9 Cables		Grip Diameter Range
0.11–0.14	7/64–9/64	0.10–0.11	3/32–7/64	0.09–0.10	3/32–7/64	0.06–0.09	1/16–3/32	.250–.375
0.14–0.25	9/64–1/4	0.11–0.25	7/64–1/4	0.10–0.20	7/64–13/64	0.09–0.19	3/32–3/16	.375–0.50
0.21–0.25	7/32–1/4	0.19–0.22	3/16–7/32	0.17–0.20	11/64–13/64	0.15–0.19	5/32–3/16	0.50–0.75
0.25–0.29	1/4–19/64	0.22–0.26	7/32–17/64	0.20–0.23	13/64–15/64	0.19–0.22	3/16–7/32	0.62–0.75
0.29–0.38	19/64–3/8	0.26–0.34	17/64–11/32	0.23–0.31	15/64–5/16	0.22–0.31	7/32–5/16	0.75–1.00
0.38–0.48	3/8–31/64	0.34–0.43	11/32–7/16	0.31–0.39	5/16–25/64	0.29–0.36	19/64–23/64	1.00–1.25
0.48–0.58	31/64–37/64	0.43–0.52	7/16–33/64	0.39–0.46	25/64–15/32	0.36–0.43	23/64–7/16	1.25–1.50
0.58–0.67	37/64–43/64	0.52–0.60	33/64–39/64	0.46–0.54	15/32–35/64	0.43–0.49	7/16–31/64	1.50–1.75
0.67–0.77	43/64–49/64	0.60–0.69	39/64–11/16	0.54–0.62	35/64–5/8	0.49–0.57	31/64–37/64	1.75–2.00
0.77–0.96	49/64–31/32	0.69–0.86	11/16–55/64	0.62–0.77	5/8–49/64	0.57–0.72	37/64–23/32	2.00–2.50
0.96–1.16	31/32–1 5/32	0.86–1.03	55/64–1 1/32	0.77–0.93	49/64–15/16	0.72–0.86	23/32–55/64	2.50–3.00
1.16–1.35	1 5/32–1 23/64	1.03–1.20	1 1/32–1 13/64	0.93–1.08	15/16–1 5/64	0.86–1.00	55/64–1	3.00–3.50
1.35–1.54	1 23/64–1 35/64	1.20–1.37	1 13/64–1 3/8	1.08–1.24	1 5/64–1 15/64	1.00–1.14	1–1 9/64	3.50–4.00

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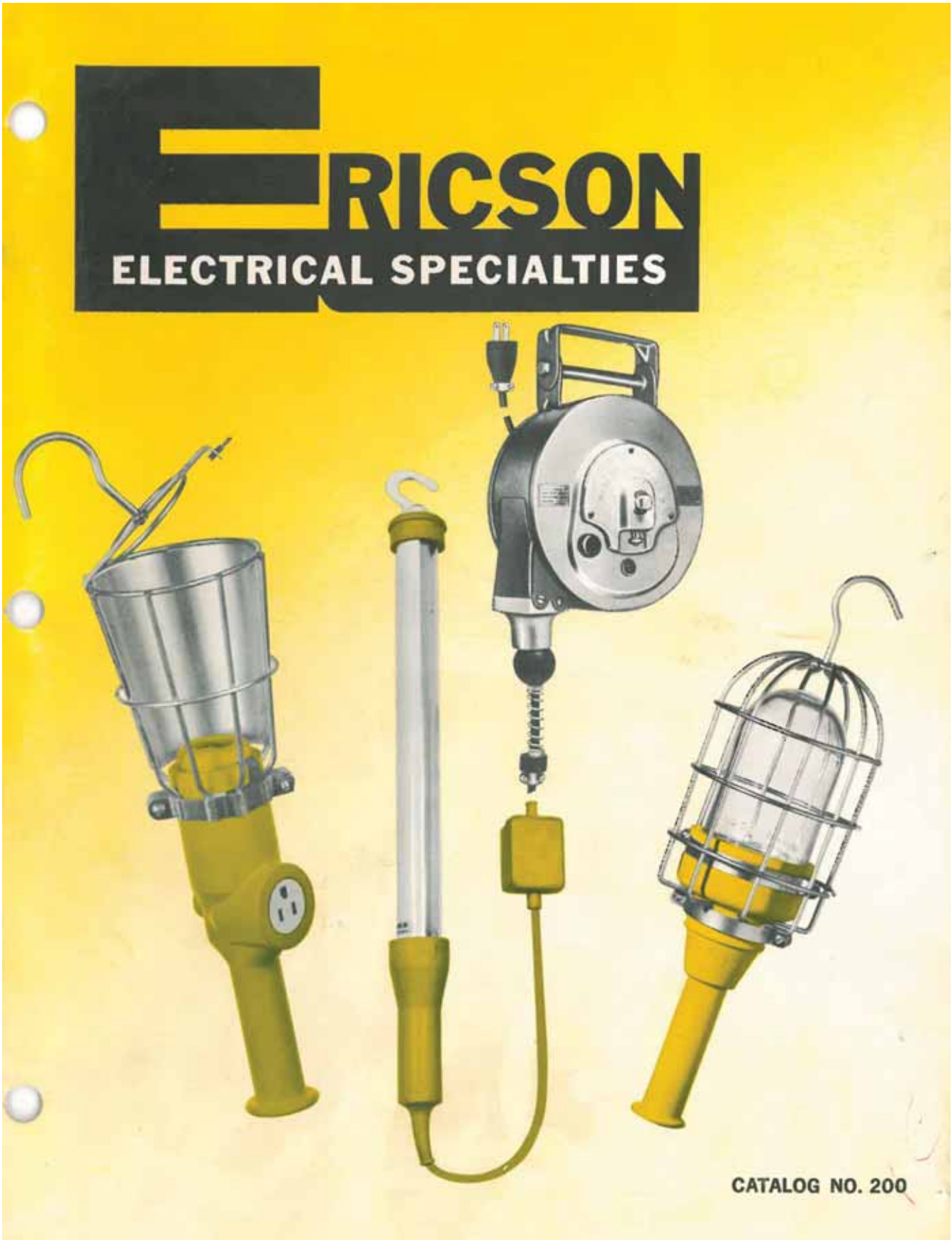

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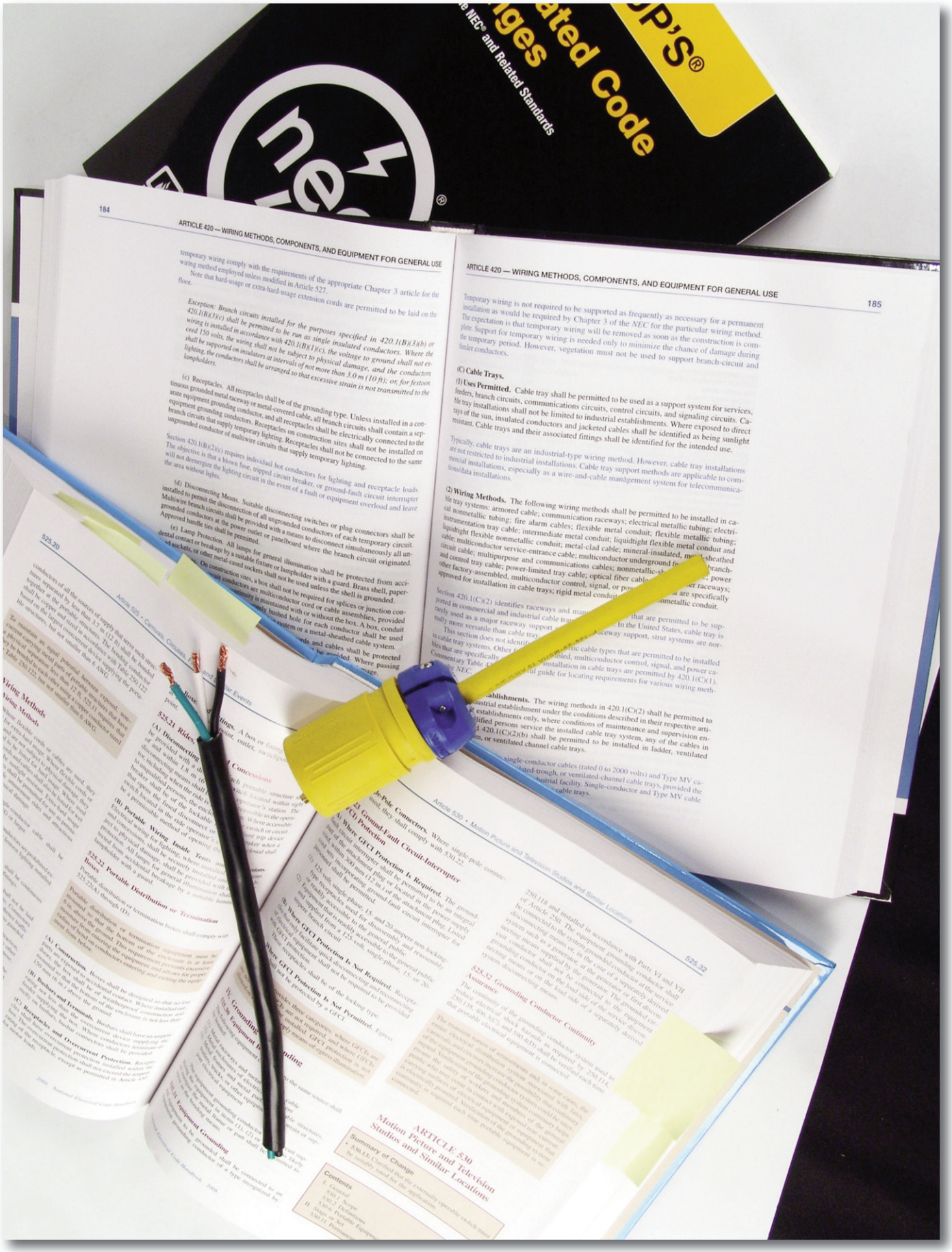

ated Code
nges
and Related Standards
P'S®
184
ARTICLE 420 — WIRING METHODS, COMPONENTS, AND EQUIPMENT FOR GENERAL USE
ARTICLE 420 — WIRING METHODS, COMPONENTS, AND EQUIPMENT FOR GENERAL USE
185
(C) Cable Trays.
ARTICLE 530
Motion Picture and Television
Studios and Similar Locations

In the following pages you will find useful electrical industry information

- Lamp Comparison Chart
- NEMA Type Designations
- IP Rating System
- Hazardous Locations
- Temperature Conversion
- Metric Conversion Chart
- Electrical Formulas
- Glossary of Terms
- Metal Gang Box Danger
- Industrial Wiring Device Innovations
- OSHA Product Match

24/7 Emergency Assistance Hotline
1-877-OSCAR99 (672-2799)

Need temporary power at a fair or festival? Plug into Ericson's NEC/CEL & OSHA compliant Power products to avoid accidents and costly fines from code violations.

HAZARDOUS CONDITIONS

WRONG WAY

A NEMA 1 Indoor Panel

B NO GFCI Protection

C Public Access to Panel

D Panel Hanging From Tent Pole

A NEMA 1 Old Work Permanent Boxes

E No Protection of Cords

F Grounding Assurance?

SEE NEXT PAGE

For the RIGHT WAY to use temporary power at an outdoor event.

NEC Codes 2011

A. 525.22 (A) "…shall be of weatherproof construction…"

B. 525.23 (A)(2) GFCI Protection is Required "… readily accessible to the general public…"

C. 525.10 (A) "…Equipment shall not be installed…accessible to unqualified persons…"

D. 525.10 (B) "Service equipment shall be mounted on solid backing…protected from weather…"

E. 525.20 (G) "Flexible cords…accessible to the public…shall be arranged to avoid a tripping hazard…"

F. 525.32 Grounding Assurance "…shall be verified each time that portable electrical equipment is connected."

Notes on these NEC codes:
NEMA 1 indoor panels are not suitable for outdoor temp power.
GFCI protection for personnel and the public is a must. Life saving devices.
Electrical service panels and temp power distribution should not be accessible by the public attending the event.
Hanging a panel from a tent pole is a violation. So is using plywood backing as plywood can be water soaked and now conductive.
Flexible power cords at the local fair are everywhere. They should be covered in walk areas (and not with plywood) to prevent the public touching any cord. Nicks and cuts are common with cords and the public touching a live conductor can happen. Or, in the event of rain, puddles can become live with nicked cords and non-weatherproof connectors.
Once the temp power is on, a ground check must be performed. However, if that temp power system is disturbed, it should be rechecked.

Power Smart…Ericson's full line of Temp Power Distribution Panels is the answer to your local Festival or Fair. Contact your local Ericson stocking distributor for assistance in designing your temp power needs.

- Code Compliance for Temp Power
- NEMA 3R Rainproof Design
- Designed for Ease of Use
- Built to Last
- Custom Layouts for Your Power Needs
- Temp Power – Cordsets – Cord Management

SAFE SOLUTION
RIGHT WAY

Cart Design
Easy to Move

NEMA 3R Rain Tested Design

Rain Side Flaps Fold in for Easy Compact Storage

GFCI Protection is Standard

BEI-CAMCL3180 shown

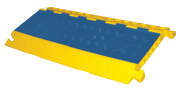
Safety Monitor Device Gives 24/7 Ground Assurance

Camlock Input Connections Reduce Stress on Cord Connections

All Connections Under One Rain Cover

Customer Application:
Application allows safe routing of cords for the elimination of trip hazards

SEE Our Great Line Up of Temporary Power

e-Cart2™	Big-E	Big E Jr.	Oscar®	Cordsets	Cable Protection	Watertight Connections
						
480/120V 600/120V	400 Amp	200 Amp	50 Amp	12/3	Cable Protectors	1510-PW6P & 1610-CW6P

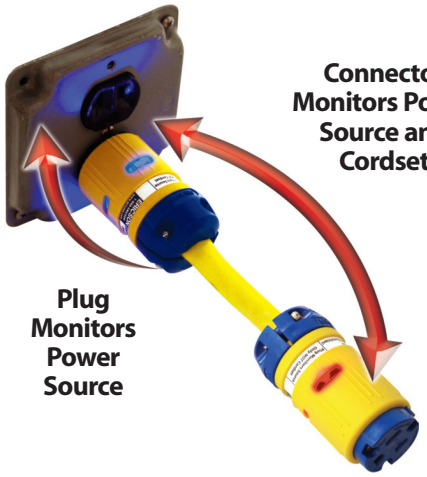
SmartMonitor™ Series

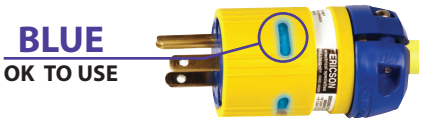
FEATURES:

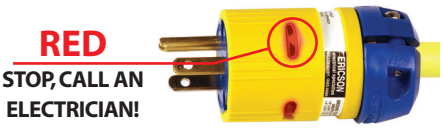
- Full Diagnostic Capability
- 24/7 Diagnostic Monitoring
- Super Bright LED Technology
- SmartMonitor™ Module
- Keyed body and cover
- Easy to wire
- Clear internal wiring cover
- Non-slip finger grips
- Color coded terminal screws
- Multiple cord grommets included
- Rubberized outer body
- Safety yellow and blue body
- Compatible with power tools

24/7 Monitoring

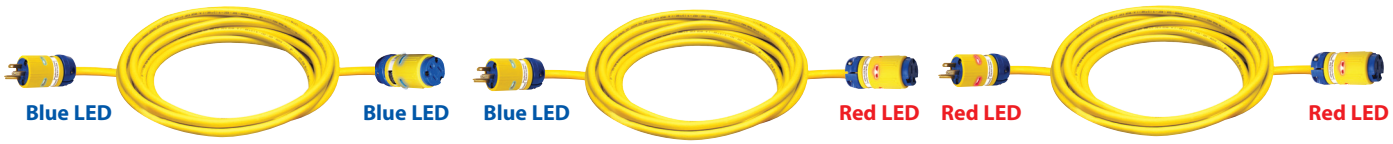
- No/Open Ground
- Loss of Ground In Cord
- Hot/Neutral Swap
- Reverse Polarity
- Hot on Ground
- No/Open Neutral







Full Diagnostic Safety Cord Capability



No Error Condition

- Ready For Use

Error Condition: Connector

- Check Cord for Nicks, Cuts
- Check Connector Wiring

Error Condition: Plug

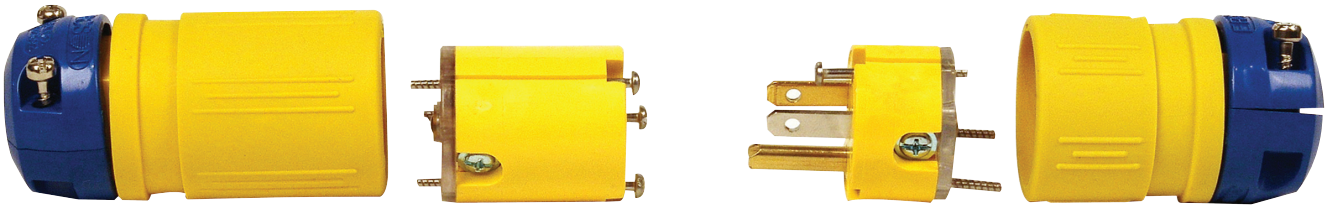
- Check Power Source
- Check Cord for Nicks, Cuts
- Check Plug Wiring
- Check Connector Wiring

Versatile Weather-Resistant Field Conversion

Our Perma-Link® plugs and connectors (as listed below) are designed so they can easily be converted to create weather-resistant connections by interchanging the internal assemblies. Insert the plug body into the connector cover, and the connector body into the plug cover. There are no extra parts to purchase.

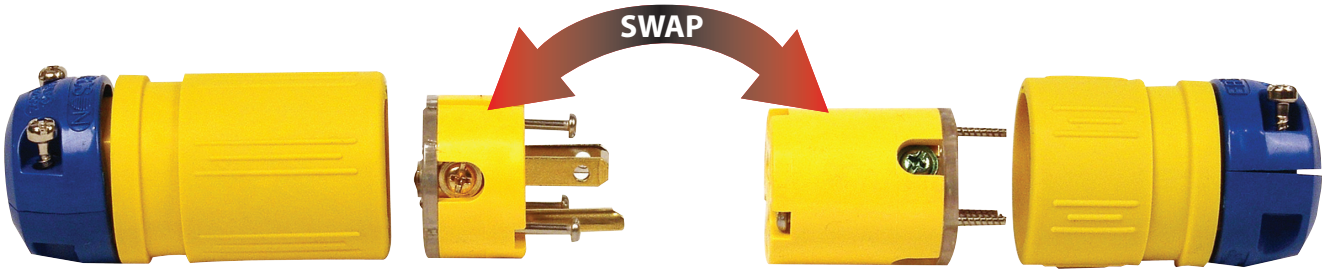
Step 1:

Disassemble The Plug & Connector As Shown



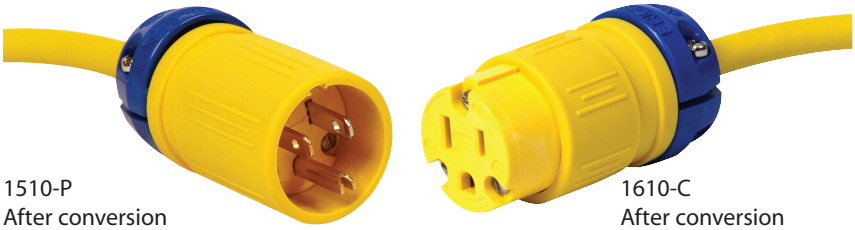
Step 2:

Swap Plug & Connector Assemblies



Step 3:

Assemble Cords Per Bag Instructions



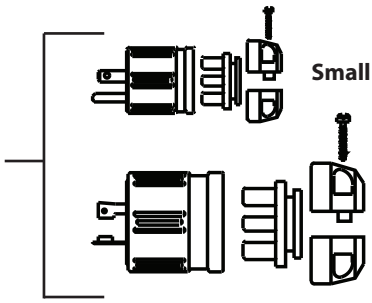
1510-P
After conversion

1610-C
After conversion

Convertible Parts	
1510-P	1610-C
1512-P	1612-C
1514-P	1614-C

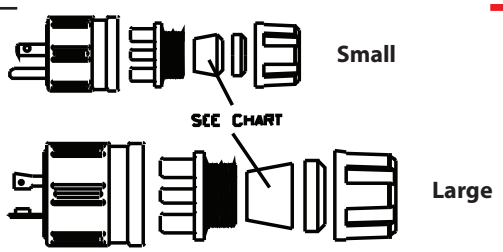
Commercial Grade

Insert Used	Cord Diameter
Both	Less than .220 - .450"
None	Over .460 - .650"

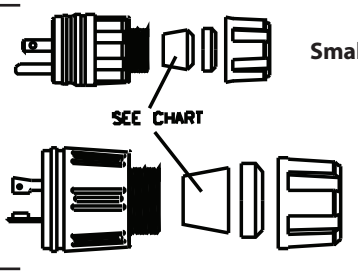


PERMA-LINK® Devices

Self centering cord clamp accommodates cord diameters	
Small	.335 - .720"
Med/Large	.360 - 1.0"



PERMA-GRIP™



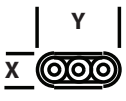
PERMA-TITE® 2

For Grommet Sizing

See Chart Next Page

Strip Lengths

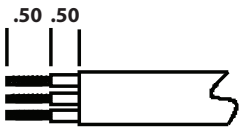
Dimensions in inches
Round Cord Only



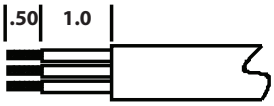
UF Cable

3 Wire Round

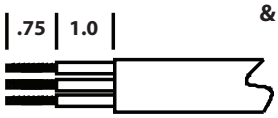
4 Wire Round



Commercial Grade Only



Perma-Link®, Perma-Grip™ & Perma-Tite® 2



SmartMonitor™ Devices Only

		B10200XX						B10220XX									
		Sm White OVAL # 24	Sm Orange OVAL # 25	Sm Yellow # 21	Sm White # 20	Sm Red # 16	Sm Blue # 18	Lg White # 91	Lg Yellow # 90	Lg Black # 89	Lg Blue # 88	Lg Gray # 87	Lg Red # 86	Lg Orange # 85			
MAX CORD DIA. (inch) →		OVAL (UF) .160 x .360	OVAL (UF) .230 x .440	0.370	0.450	0.560	0.610	0.450	0.560	0.630	0.690	0.750	0.830	0.900	WIRE		
Plug	Connector			Yellow	White*	Red	Blue	White*	Yellow	Black	Blue	Gray	Red	Orange	3	4	3Ø
1510	1610	✓ Optional **	✓ Optional **	✓	✓	✓	✓								X		
1512	1612			✓	✓	✓	✓								X		
1514	1614			✓	✓	✓	✓								X		
1516	1616			✓	✓	✓	✓								X		
1520	1620			✓	✓	✓	✓								X		
1522	1622			✓	✓	✓	✓								X		
1524	1624			✓	✓	✓	✓								X		
2310	2410							✓	✓	✓	✓				X		
2312	2412							✓	✓	✓	✓				X		
2314	2414							✓	✓	✓	✓				X		
2316	2416							✓	✓	✓	✓				X		X
2317	2417							✓	✓	✓	✓				X		
2320	2420								✓	✓	✓	✓				X	
2322	2422								✓	✓	✓	✓				X	X
2324	2424								✓	✓	✓	✓				X	X
2510	2610							✓	✓	✓	✓				X		
2512	2612							✓	✓	✓	✓				X		
2514	2614							✓	✓	✓	✓				X		
2516	2616							✓	✓	✓	✓				X		X
2520	2620										✓	✓	✓	✓		X	
2522	2622										✓	✓	✓	✓		X	X
2524	2624										✓	✓	✓	✓		X	X
2526	2626										✓	✓	✓	✓		X	X
2528	2628										✓	✓	✓	✓		X	X
2530	2630										✓	✓	✓	✓		X	X

* May also appear as light tan

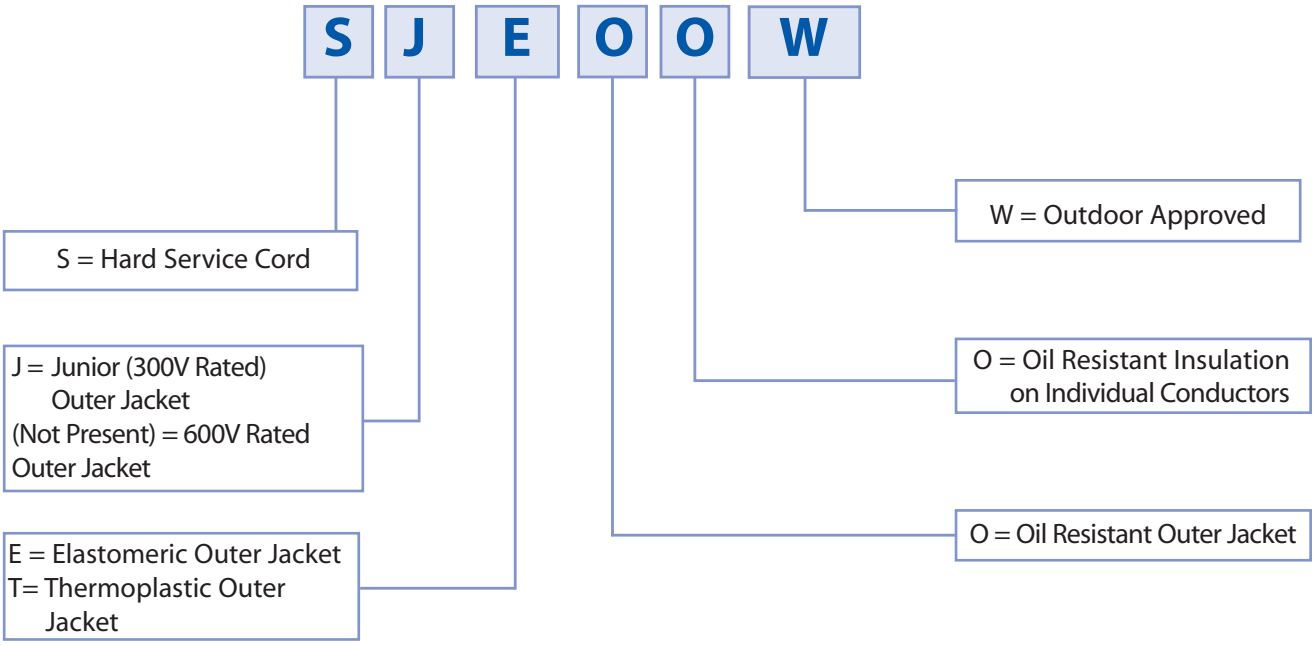
** May be ordered separately - Call Ericson for details

✓ = Included in package

Diameter Ranges of Portable Electrical Cord In Accordance with UL 62

Type	AWG Size	2 Conductors	3 Conductors	4 Conductors
SJ,SJE, SJOO, SJO, SJEO, SJT, SJTO, SJTOO	18	0.280-0.315	0.300-0.335	0.325-0.365
	16	0.305-0.340	0.325-0.360	0.350-0.395
	14	0.335-0.375	0.360-0.395	0.390-0.435
	12	0.405-0.455	0.425-0.475	0.465-0.520
	10	0.540-0.605	0.565-0.635	0.625-0.700
S, SE, SOO, SO SEO, ST, STOO, STO	18	0.340-0.385	0.360-0.400	0.385-0.430
	16	0.365-0.410	0.385-0.430	0.410-0.460
	14	0.495-0.550	0.520-0.575	0.560-0.620
	12	0.565-0.625	0.590-0.655	0.640-0.710
	10	0.615-0.685	0.650-0.720	0.700-0.775
	8	0.780-0.880	0.830-0.930	0.925-1.050
	6	0.920-1.050	0.970-1.100	1.050-1.200
	4	1.060-1.210	1.130-1.280	1.250-1.450
	2	1.210-1.400	1.300-1.500	1.450-1.650

Portable Electrical Cord Nomenclature



Diameter Ranges of Portable Electrical Cord In Accordance with UL 62

Type	AWG Size	2 Conductors	3 Conductors	4 Conductors
SJ,SJE, SJOO, SJO, SJEO, SJT, SJTO, SJTOO	18	0.280-0.315	0.300-0.335	0.325-0.365
	16	0.305-0.340	0.325-0.360	0.350-0.395
	14	0.335-0.375	0.360-0.395	0.390-0.435
	12	0.405-0.455	0.425-0.475	0.465-0.520
	10	0.540-0.605	0.565-0.635	0.625-0.700
S, SE, SOO, SO SEO, ST, STOO, STO	18	0.340-0.385	0.360-0.400	0.385-0.430
	16	0.365-0.410	0.385-0.430	0.410-0.460
	14	0.495-0.550	0.520-0.575	0.560-0.620
	12	0.565-0.625	0.590-0.655	0.640-0.710
	10	0.615-0.685	0.650-0.720	0.700-0.775
	8	0.780-0.880	0.830-0.930	0.925-1.050
	6	0.920-1.050	0.970-1.100	1.050-1.200
	4	1.060-1.210	1.130-1.280	1.250-1.450
	2	1.210-1.400	1.300-1.500	1.450-1.650

Ericson's Industrial Wiring Device Innovations Revolutionized Electrical Safety

Sixty cents. That's what it would have cost in 1918 to purchase one of the first insulating Rubber Handles for one of your Extension Light, or Drop Lights as they were called in those days. The C & E Universal Safety Handle was molded of a heavy duty rubber compound and was designed for use with either keyed or keyless sockets to protect workers from electrical shocks and to add to the service life of the lights. Many lamp guards up to that point were made of wood which proved too fragile to withstand the many industrial uses to which they were put.

C & E was the forerunner of today's Ericson Manufacturing Co., founded by Edward O. Ericson. Ericson pioneered the development of a variety of important safety electrical devices.

Ericson devoted his attention to industrial applications. There was a great need for safe products for workers using electricity. Simple, molded rubber hand lamp handles (which he had patented in 1918) gave way to more sophisticated designs made of a variety of materials, each providing increasingly better electrical safety, durability and price advantages.

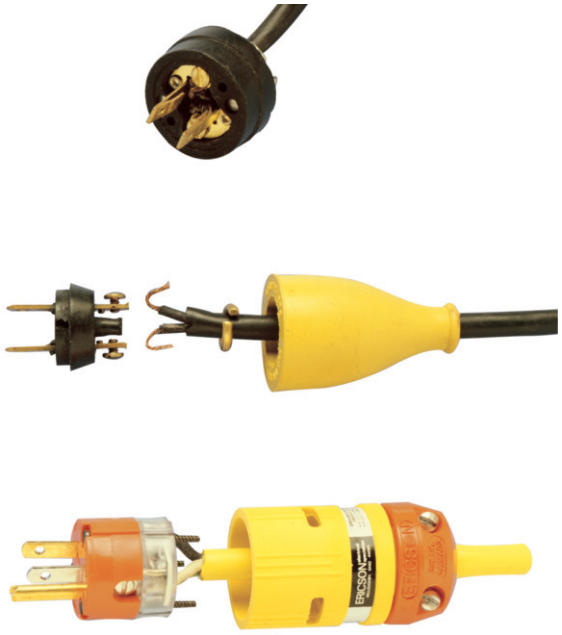
Ericson also pioneered in this area, and in 1927 introduced the first Insulated Hand Lamp Guards. The basic guard included a 1/16-in. thick electrolytically bonded insulation coating of the "toughest kind of rubber" that withstood dielectric tests of more than 4,000 volts. They provided a high degree of electrical safety and added to a lamp's service life under the roughest conditions.

Ericson's invention of the first "Dead-Front, Back-Wired" Electrical Plug in 1929 is perhaps the single most important development in the wiring device industry in the past seventy-plus years. U.S. Patent # 2,061,190 was assigned to it in 1936.

Older plugs and connectors had the wiring come through from the back. They were wired in the front end where the connections were visible and were susceptible to damage from moisture, dirt, tools, etc. (Fiber discs, and later plastic discs, were used to cover these wiring areas, but they often came off during use.) The Ericson "Dead-Front, Back-Wired" design placed the wiring connections at the rear of the plug with the front end closed off by a structural member of the device. The blades were held firmly and permanently in alignment.

There were no rivets to loosen or fiber to warp. Connections on the inside were protected. Cord grips kept tension off the terminals. Flexible shanks took the wear off the cord. They were easy to wire in the field. Newer variations are now even quicker and easier to wire: the stripped wires are inserted in holes, where simple screw tightening secures them in place.

Many products available today reach beyond being simple plugs or connectors. They are all, however, dead-front, back-wired devices. Our Perma-Tite® 2 Plugs and Connectors have unique features to protect the internals from moisture, dust and dirt. And covers using new, high tech materials resist chemicals, acids and oils to provide greater service life in extremely hazardous environments.



Plug into history: Before 1929 (top), plug connections were exposed. The first dead-front, back-wired plug created by Ericson (middle) revolutionized the industry, and eventually led to modern plugs (bottom) with such amenities as built-in ground and continuity monitors.

Ericson's Perma-Watch® Plugs and Connectors have built-in Ground and Continuity Monitor Devices to help workers determine at a glance whether their electrical power source's grounding system in safe. The GCM's have internal LED lamps that glow when the line has ground continuity. These devices also can help cut as much as 90% of the cost of maintaining OSHA required records for extension cord sets and temporary job site receptacles.

Ericson's dead-front, back-wired 1929 design is important: both the National Electrical Code and OSHA still require its use.

Cordset & Power Cable Selection Guide

The capacity of an electrical extension cord to safely extend power is based on two factors:

- **Gauge:** Gauge is a measurement of the thickness / diameter of the wire
- **Length:** Length of the extension cord affects voltage drop

Gauge is how the copper wire is measured and is reported as a number. For example, you may see a No.12 gauge or a No.18 gauge. The smaller the number the thicker the wire, and conversely, the larger the number the thinner the wire.

A No. 18 gauge extension cord may only be rated for 5 to 7 amps of load and a length of up to 25 feet.

A No. 10 gauge extension cord may be rated for 15 amps of load and 100 feet of length.

Length of the extension cord affects voltage drop. Voltage drop is result of the friction or resistance the electricity experiences flowing through a long wire. You want to use the shortest extension cord possible.

The longer the extension cord, the thicker (lower gauge number) the wire.

14 Gauge Extension Cord up to 50 feet handles 10 - 15 amps

10 Gauge Extension Cord up to 100 feet handles 15 amps

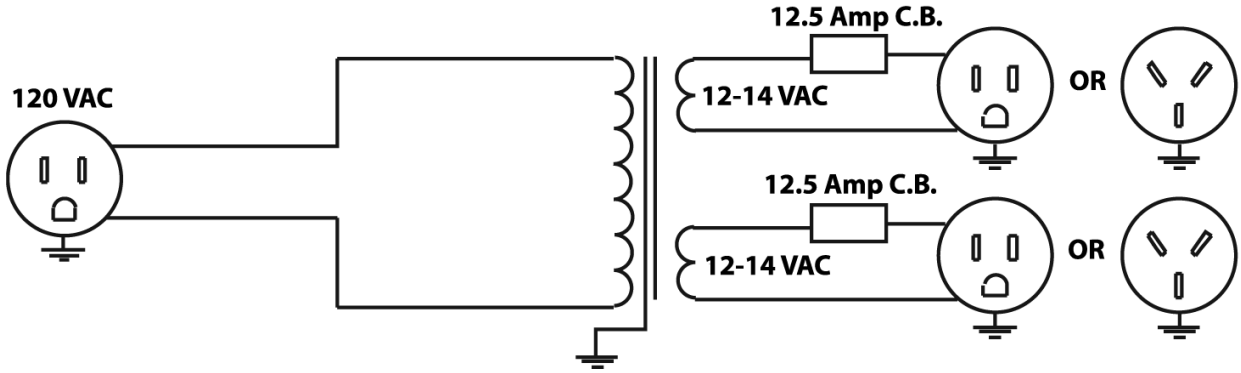
Heavier duty extension cord use for power tools and larger appliances of 15 to 10 amps require a three wire grounded extension cord. Use the following table for gauge size and extension cord length.

Cord Length: Up to 25 feet
Gauge Size: No. 14 Gauge

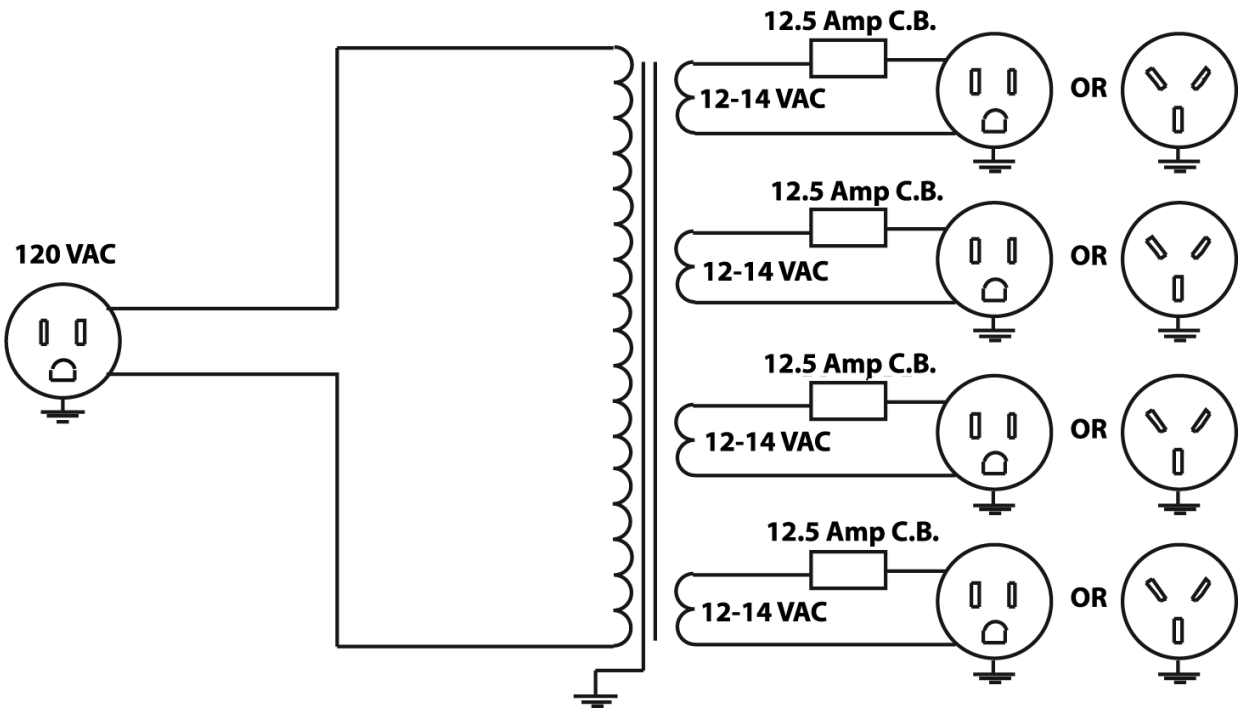
Cord Length: Up to 50 feet
Gauge Size: No. 12 Gauge

Cord Length: Up to 100 feet
Gauge Size: No. 10 Gauge

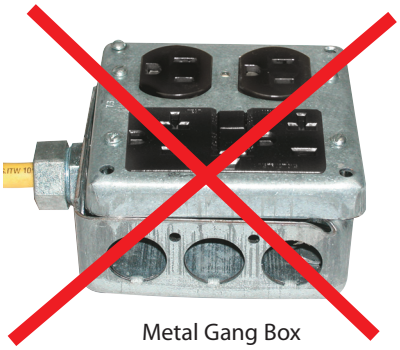
1940 Series 200VA



1941 Series 400VA



Metal Gang Box Danger

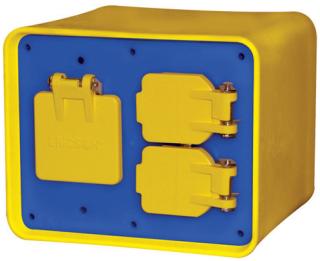


Metal Gang Box

The "traditional" metal gang box on the end of a cord has been a danger for many years.

There are several reasons for the danger:

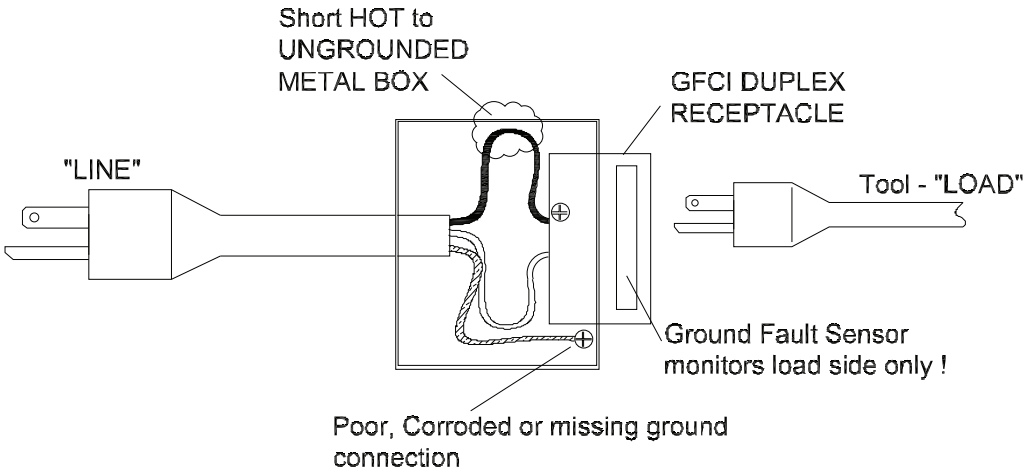
- Metal boxes are designed for permanently wired installations, not portable temp power.
- No weatherproofing except for outdoor location FS types.
- HOT box danger. (See below)
- Hand Hazard with sharp edges



8000 Series

6102 Series

The GFCI False Sense of Security



As the diagram shows, the metal gang box can have a common situation in which the earth ground is poor or not connected. There can be a hot short to the metal box in which you now have a "hot" box. The short will not trip the circuit breaker nor will the GFCI trip. The GFCI sensor only watches the "load" side of the receptacle, not the line side. The GFCI is worthless in this situation.

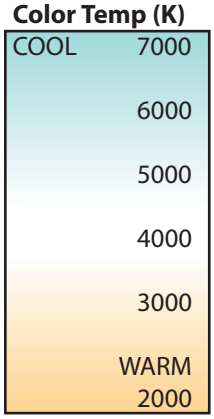
Lamp Comparison Chart

This Chart shows typical light output (lumens) & expected life (hour) of commonly used incandescent & fluorescent bulbs.

Wattage	Type	Lumens	Average Life (hours)	CRI[2]	Color[3] Temp (°K)
7.3	LED E26 (12V)	500	50,000	---	5500
9	LED A19	800	50,000	---	5000
50	LED Flood	5000	50,000	---	6000
18	LED T8	1358	50,000	74	6000
23	LED T8	1735	50,000	74	6000
26	LED T8	2160	50,000	74	6000
40	LED T9 (2X)	3220	50,000	70	6000
60	Incandescent A19	865	1000	100	2800
75	Incandescent A19	1190	750	100	2800
100	Incandescent A19	1710	750	100	2800
13	Compact Fluorescent T4/5 Twin or Quad Tube	825	10,000	82	4100
26	Compact Fluorescent T4/5 Twin or Quad Tube	1710	10,000	82	4100
17	Fluorescent T8	1325	20,000	86	4100
25	Fluorescent T8	2080	20,000	86	4100
32	Fluorescent T8	2950	20,000	86	4100
40	Fluorescent T8	3600	20,000	84	4100
18	F18BX Fluorescent 2G11 Base BIAX	1250	20,000	82	4100
27	F27BX Fluorescent 2 G11 Base BIAX	1800	12,000	82	4100
39	F39BX Fluorescent 2G11 Base BIAX	2850	12,000	82	4100
15	F15T8 CW Fluorescent	825	7,500	60	4100
30	F30T12 CW Fluorescent	2200	18,000	72	4100
40	F40T12 CW Fluorescent	3350	20,000	80	4100
70	HID High Pressure Sodium	6400	24,000 +	22	1900
150	HID High Pressure Sodium	16000	24,000 +	22	2000
70	HID Metal Halide	5600	12,000	70	3200
175	HID Metal Halide	13600	10,000	65	4000
400	HID Metal Halide	36000	20,000	65	4000

Notes:
1. All based on 120V 60Hz input
2. Based on a scale from 1 to 100 where 100 represents sunlight. The higher the number the truer the color appears
3. Sunlight is simulated with a light that is about 5000 K. The higher the number the whiter the light

Color Temp (K)



Overcast Sky

Noon Sunlight

Sunlight 1 Hr After Sunrise

Sunlight At Sunrise

Do's

- Use enough lighting to comply to Table D-3 OSHA
- Use proper bulb protection per the mfg instructions
- Use 3 wire grounded stringlights with metal bulb guards
- Use MH fixtures properly and not too close to workers
- Use proper lighting fixtures for the environment intended
- Use proper stairwell lighting even during construction

Don'ts

- Operate sites with poor lighting –leads to accidents
- Hang stringlights by the cord – only use mounting tabs
- Use 2 wire stringlights with metal guards – guard must be grounded
- Use MH fixtures with cracked or partial broken bulb – UV A & B can get out
- Use non-hazardous lighting in classified locations
- Use permanent light fixtures in temporary applications

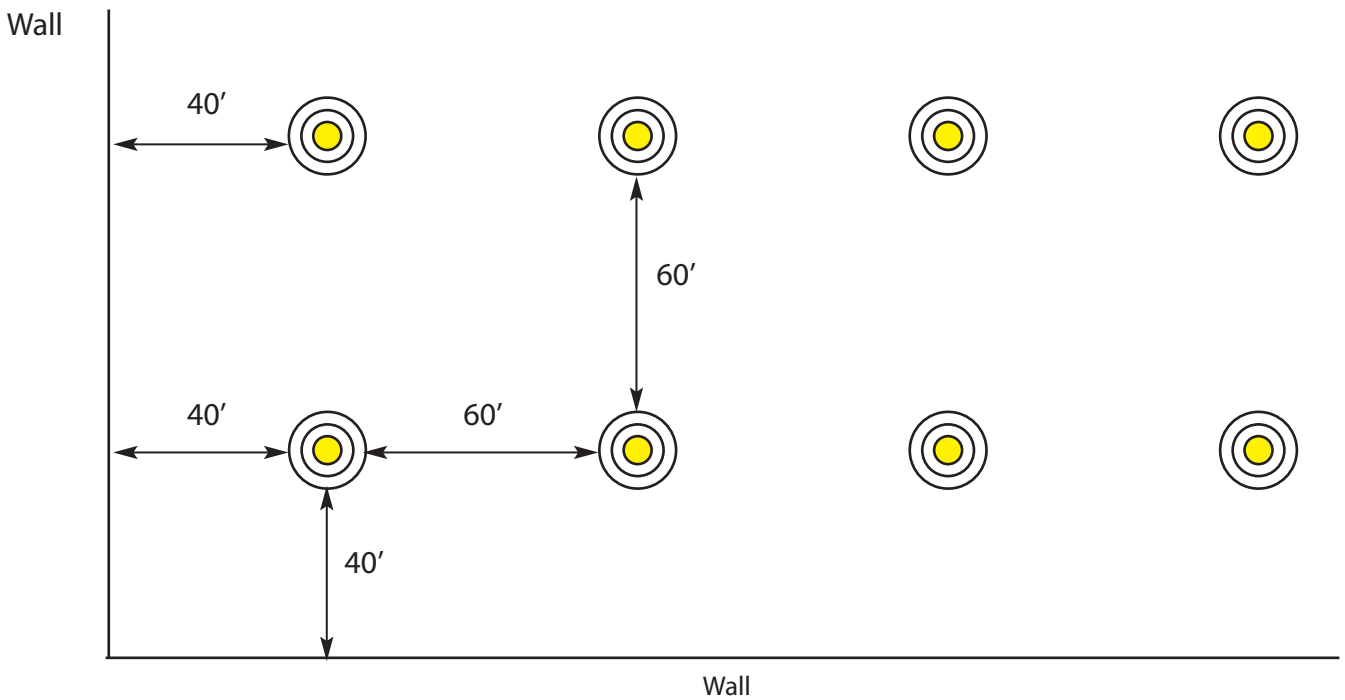
Baylite™ Layout

(shown from top)

Note: This layout is typical to ensure minimum OSHA lighting standards, however many variables effect this layout. Use this as a general guide but Ericson makes no absolute claim to compliance.

Circuit Load (20A)

120V = 5 units
240V = 10 units
208V = 12 units
277V = 15 units



OSHA Regulations

Topic	Regulation	Ericson Product
Lamp Guards on All Lighting	1926.405(a)(2)(ii)(E) All lamps for general illumination shall be protected from accidental contact or breakage. Metal-case sockets shall be grounded.	**Ericson Lamp Guards**
Temporary Lighting Mounting	1926.405(a)(2)(ii)(F) Temporary lights shall not be suspended by their electric cords unless cords and lights are designed for this means of suspension.	**Stringlights**
Low Voltage Lighting	1926.405(a)(2)(ii)(G) Portable electric lighting used in wet and/or other conductive locations, as for example, drums, tanks, and vessels, shall be operated at 12 volts or less. However, 120-volt lights may be used if protected by a ground-fault circuit interrupter.	**Low Voltage Lighting**
Cord Protection	1926.405(a)(2)(ii)(I) Flexible cords and cables shall be protected from damage. Sharp corners and projections shall be avoided. Flexible cords and cables may pass through doorways or other pinch points, if protection is provided to avoid damage.	**CP5-36 Cable Protectors**
Flexible Cords	1926.405(a)(2)(ii)(J) Extension cord sets used with portable electric tools and appliances shall be of three-wire type and shall be designed for hard or extra-hard usage. Flexible cords used with temporary and portable lights shall be designed for hard or extra-hard usage.	**Ericson Temporary Cordsets**
	1926.405(g)(2)(iv) Strain relief. Flexible cords shall be connected to devices and fittings so that strain relief is provided which will prevent pull from being directly transmitted to joints or terminal screws.	**6000, 7000 and 8000 Series Boxes and Covers**

Types of Stringlights:

There are several types of stringlights available. These types differ in construction and the environments for which they are designed to operate. The basic design of a stringlight set is a medium Edison base lamp socket electrically connected to a cord via several methods:

1. Mechanically Attached Sockets – Like our model X-142100, these indoor rated stringlights use lamp sockets with insulation displacement or piercing pins to make the electrical connection through the cord jacket insulation. The socket is then held on with mechanical means and the stringlight is supported by hanger hooks at each socket location. Economically priced, these stringlights are normally used only a few times and then discarded.

2. Molded Sockets – The design of these stringlights varies, but the basic design is a medium Edison base socket that is held in an overmolded material area attached to the cord. The electrical connections and socket are protected from the environments and this reduces corrosion and electrical faults. The cord jacket and the overmold material vary from manufacturer to manufacturer and the durability depends on this material formulation to ensure a watertight bond.

Rules for Use:

There are many rules governing the use of stringlights. These are a few of the more common questions that arise. Consult your local inspection authority before installing stringlights.

1. Length of Time - Stringlights are normally used in *Temporary Use Locations* (defined by NEC Article 590) and the length of time is defined in that article.

2. Article 590.4 of the NEC 2008 states that all lamps will have protection from accidental contact or damage.

3. Two wire stringlights (no ground wire) must use non-conductive lamp guards.

4. Three wire stringlights can use metallic or non-metallic guards, but the metallic guards must be grounded with a continuous ground wire through the stringlight.

5. Depending on your local inspector, stringlights can be "hard wired" to a panel as long as there is no strain on the connection.

6. Stringlights must be held aloft by the hanging tabs located at each lamp socket and not by the cord/conductors unless permission by the manufacturer is given.

7. According to article 590 of the 2008 NEC, lighting circuits and power circuits in temporary locations should not be mixed. You should not protect a stringlight circuit with GFCI protection.

Do's and Don'ts

1. Never use indoor rated stringlights in outdoor situations

2. Never install lamps with wattage greater than the manufacturer's specifications for that stringlight

3. Never operate stringlights without lamp guards in place – replace any broken guards

4. Use hang tabs or a "messenger wire" to suspend stringlights over the work area

Name: _____

Company: _____

Phone: _____

e-mail: _____

Easy as 1-2-3
1. Fill in all information
2. Select grade & colors
3. Fax: 1-440-951-1867
or
Scan/e-mail:
info@ericson.com

Stringlight Assembly Configurator

Overall Length: _____

Primary (Lead) Length: _____

Secondary (Tail) Length: _____

Plug (ex: 1510-PW6P): _____

Connector (ex: 1610-CW6P): _____

Cable Size/Type (ex: #12/3 SEO): _____
(Note: Wire guards require ground wire)

Cable Color: _____

Total Number of Lamp Sockets: _____

Spacing between Sockets: _____

Lamp Guard Type (select from list below):

211	214	220	222-L	224
211-P	212	220-P	222-LP	224-P

Grade of Stringlights

☐ Commercial Grade (STW 600V Cable & E-Lite Sockets)
☐ Industrial Grade (Heavy Duty Sockets & SEOW 600V Cable)

E-Lite Socket

- **150W Rated**
- **Medium Duty**
- **Good All Around Performance**
- **1-1/2" Guard Collar Diameter**

Heavy Duty Socket

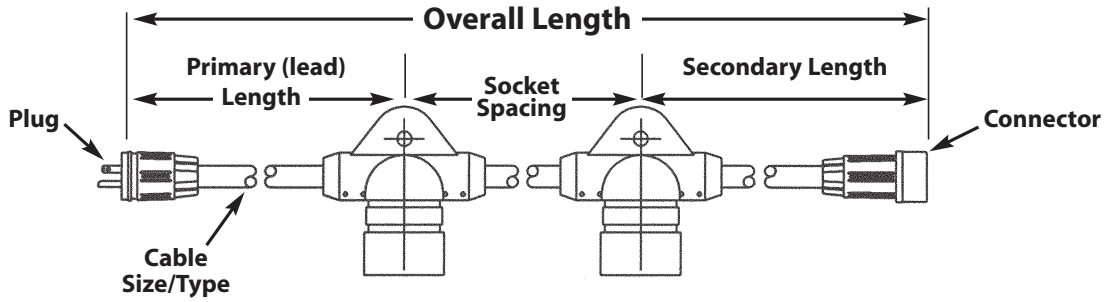
- **200W Rated**
- **Heavy Duty Rubberized Feel**
- **Great Low Temp Operation**
- **1-3/4" Guard Collar Diameter**

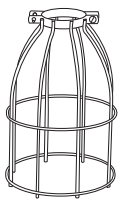
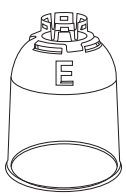
Color

E-Lite Style
☐ Black "T" with Yellow Cord
☐ Black "T" with Black Cord

Heavy Duty Style
☐ Yellow "T" With Yellow Cord
☐ Black "T" With Black Cord
☐ Yellow "T" With Black Cord
☐ Black "T" With Black Cord

The drawing below is intended to serve as a reference tool to assist in the specification of your custom assembly.



211 Guard	212/214 Guard	220 Guard	222-L Guard	224 Guard
				

Note: Add "-P" to part number to indicate vinyl coated, grounded wire.
214 has a 1-3/4" diameter collar • 212 has a 1-1/2" diameter collar.

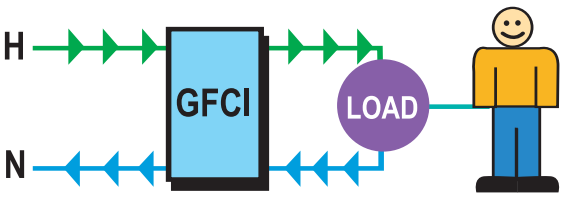
***A complete list of Factory Reps can be found on our website**

Note: NEC 590 does not allow the mixing of power & lighting taps on a single GFCI protected circuit.

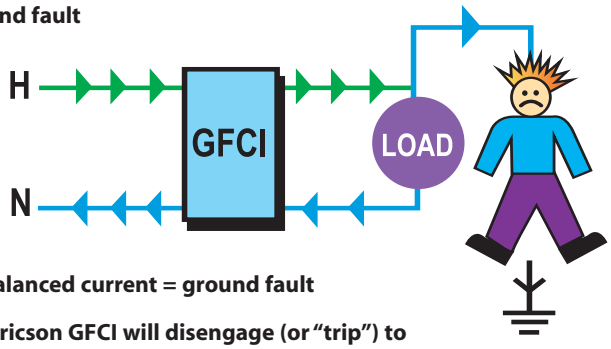
Made in the USA

How a Ground Fault Circuit Interrupter (GFCI) works…

A GFCI is a fast acting circuit opening or breaking device that stops the flow of dangerous current in the event of electrical shock. The GFCI uses precise electronic circuitry to sense the imbalance of the load from the hot and neutral lines. In other words, the GFCI monitors the current flow leaving and coming on both the hot and neutral lines of the circuit. In the event of an imbalance, the GFCI immediately releases the holding relay and breaks both the hot and neutral lines simultaneously thereby stopping the current flow and preventing human injury. The GFCI is not a circuit breaker in that it does not sense the overall load and disconnect in the event of full or excess balanced current flow. The imbalance in current flow can be very small to "trip" a GFCI. Whenever the current flow "going" and "returning" differs more than 5 mA (+/- 1 mA), the GFCI opens the relay stopping the current flow.



Normal balanced current
No ground fault



Imbalanced current = ground fault

An Ericson GFCI will disengage (or "trip") to stop all current flow eliminating this hazard

Beware of "Open Neutrals" and "Reverse Phasing"…

Normally, GFCI receptacles (like those found in your bathroom) can sense ground-faults. However, if the line-side neutral conductor is opened or lifted at a panel, the circuitry in the GFCI receptacles will not have the necessary complete circuit path from which to operate. That means that GFCI is no longer capable of sensing and disengaging. This is called an "open neutral." Anyone using the receptacles protected by the disabled GFCI will not have GFCI protection. And if a faulted tool is connected to the now-unprotected receptacle, the user will be exposed to a shock or electrocution hazard.

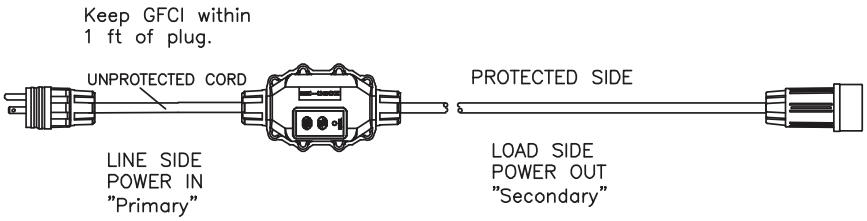
Agency Safety Testing (UL) for Portable Temporary GFCIs and Residential GFCIs is different…

UL 943 is the test standard for GFCIs. However, there is a difference in the requirements for temporary Jobsite GFCIs and the standard residential duplex wall mounted GFCI receptacle. These duplex receptacles are not designed for temporary jobsite power and personnel protection under OSHA, NEC or Canadian C22.2 safety workplace rules. The residential GFCI duplex can still operate with an open neutral condition due to the unlikely condition that the neutral line in a residential permanently wired home will not be loose or removed at the panel. The likelihood of a temporary panel on a jobsite having an incomplete neutral system is more likely and therefore jobsite portable GFCIs need to be able to handle reverse wiring and open neutral conditions.

SAFE CURRENT VALUES	
Milliamperes - 1 or less	**Effect on Average Human** Causes no sensation - not felt, is at threshold of perception.
1 to 8	Sensation of shock. Not painful. Individual can let go at will, as muscular control is not lost. (5mA is accepted as maximum harmless current intensity.)
UNSAFE CURRENT VALUES	
Milliamperes - 8 to 15	**Effect on Average Human** Painful shock. Individual can let go at will, as muscular control is not lost.
16 to 20	Painful shock. Muscular control of adjacent muscles lost. Cannot let go.
21 to 99	Painful. Severe muscular contractions. Breathing is difficult.
100 to 200	Ventricular fibrillation. (A heart condition that may result) Disrupts or changes rhythm of the heart.
200 & over	Severe burns. Severe muscular contractions - so severe that chest muscles clamp heart and stop it during duration of shock. (This prevents ventricular fibrillation.)

Where and How to properly use a GFCI...

GFCIs only sense an imbalance on the load side of the circuit. If the imbalance or path to ground occurs BEFORE the GFCI, then the sensing circuit will not release the relay stopping the current. Because of this fact, you should always place the GFCI as close as possible to the voltage source. Ericson encourages the placement of any GFCI on a cordset to within 1 foot of the primary power plug. This way, there is little cord exposed to damage and not being sensed by the GFCI.



OSHA and the NEC call for the use of GFCIs in all 125 volt 15,20 and 30 amp circuits. Consult your local safety codes for additional GFCI use regulations.

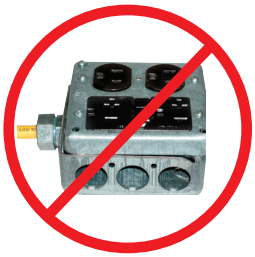
What is the difference between AUTO and MANUAL GFCIs?

The GFCI terms "auto" and "manual" have been in the electrical industry for years. These simple terms refer to the operation of the GFCI when first plugged into a voltage source. These terms have nothing to do with the "tripping and subsequent resetting" of the GFCI. Separate the two main events for a GFCI: (1) Power up mode and (2) Trip and Reset Mode. Power up mode is the condition of the GFCI after being plugged into a correct voltage source.

AUTO - The "auto" GFCI will immediately energize the relay and allow protected voltage to be available at the "load" side of the GFCI. The GFCI has automatically powered up and is ready for use without the assistance of the human pressing any buttons. Think plug-n-play.

MANUAL - On the "manual" GFCI, the RESET button has a dual role in functionality. (1)Powering up the unit and (2)resetting after a fault. The "manual" GFCI operates slightly different in that it requires the human to press the "RESET" (which is operating as a power up button on this unit) so the GFCI can close the relay and operate as required.

RESET - After a "trip" situation, both styles of GFCI require the pressing of the reset button to re-start the GFCI. CAUTION: Only reset a GFCI after an investigation as to the fault cause has been identified and repaired. GFCIs cannot, nor are ever designed to reset themselves automatically.



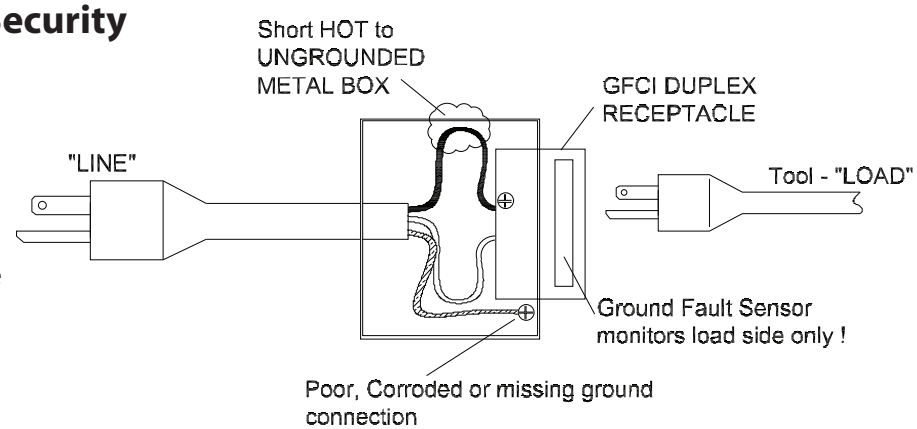
Metal Gang Box Danger

The "traditional" metal gang box on the end of a cord has been a danger for many years. There are several reasons for the danger:

- Metal boxes are designed for permanently wired installations, not portable temp power.
- No weatherproofing except for outdoor location FS types.
- HOT box danger. (See below)
- Hand Hazard with sharp edges

The GFCI False Sense of Security

As the diagram shows, the metal gang box can have a common situation in which the earth ground is poor or not connected. There can be a hot short to the metal box in which you now have a "hot" box. The short will not trip the circuit breaker nor will the GFCI trip. The GFCI sensor only watches the "load" side of the receptacle, not the line side. The GFCI is worthless in this situation.



Push Button Pendant Stations - What Are They Used For?

What is a Push Button Pendant Control Station? Pendant Stations or Pendant Controls are a series of simple switches that control much larger electrical loads through various means such as relays, Programmable Logic Controllers (PLCs) or other automation circuitry. These switches are housed in a special weather proof enclosure that attaches to and hangs from the electrical cable which the control signals flow back and forth. These simple switches are described in terms of motion and switching characteristics.

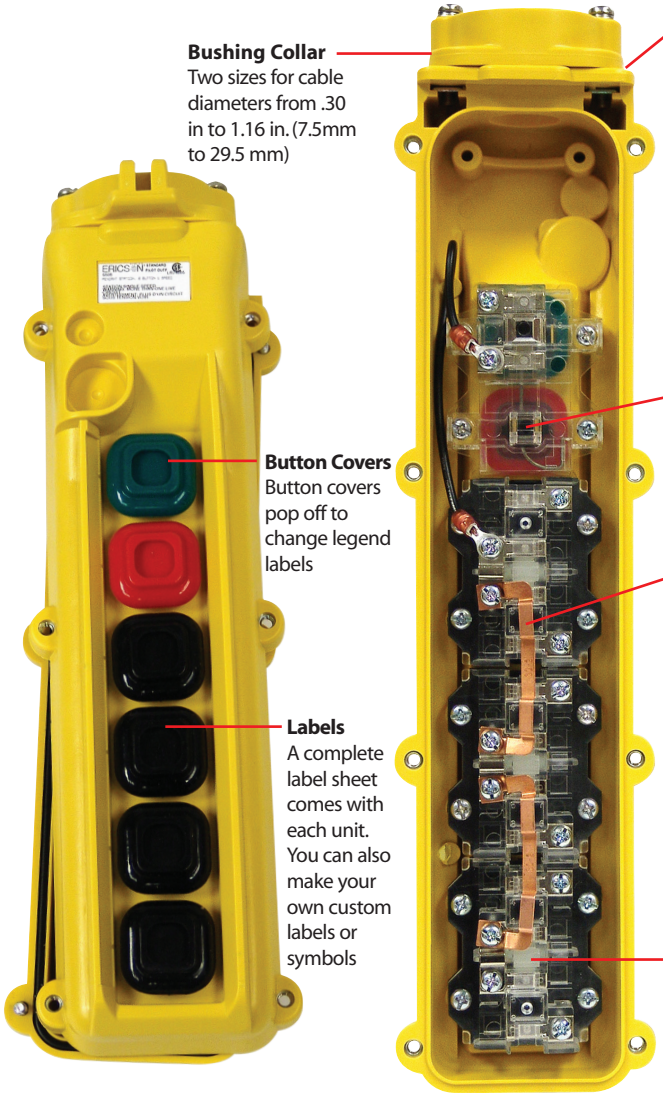
Ericson's Pendant Stations are typically used to control industrial cranes and hoists or the remote control of industrial machines. Pendant control stations are specifically designed for lifting and handling applications, they enable direct control of motors and can be used for direct motor switching.

- Cranes/Hoists
- Mixers/Grinders
- Automation Inputs
- Food Processing
- PLC Inputs
- Conveyors/Sorters
- Motor Control
- Pumps

Terms & Definitions:

Cable Gland & Bushings

55CG2



Bushing Collar
Two sizes for cable diameters from .30 in to 1.16 in. (7.5mm to 29.5 mm)

Hanger Ring (not shown)
For external strain relief connection. 'S' hook is available for strain relief cable connection.

Rear Cover or Housing

Switches
Tough, rugged switches with mechanical movement and contacts built to last. Easy to replace in the field.

Button Covers
Button covers pop off to change legend labels

Electrical Jumper

Enclosure
Ergonomic design, visible safety yellow, shock and vibration resistant, rugged ABS plastic. 2 thru 12 button. Regular or deep style. Two piece enclosure simplifies field wiring.

Labels
A complete label sheet comes with each unit. You can also make your own custom labels or symbols

Enclosure Fasteners
Self-captive stainless steel hardware and threaded inserts in housing to prevent thread stripping.

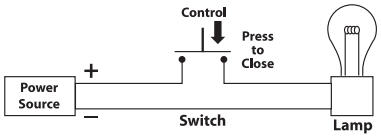
Enclosure Seal

Electrical Contacts

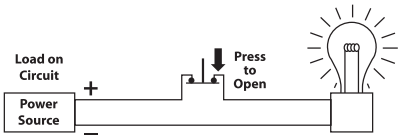
Electrical Switches See Next Section for Details.

Basic Switch Operations:

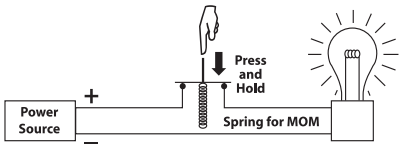
The illustrations shown here demonstrate the difference between **Normally Open (N.O.)** and **Normally Closed (N.C.)** switch contacts. The term "normally" refers to the switch at rest or no physical influence. A closed contact set completes a circuit and an open contact set breaks the circuit. The last illustration shows the main difference between MOM (momentary) and MAINT (maintained). These terms describe the secondary action of the switch AFTER the human releases the button. A MOM switch will return to the original position when released, (think spring loaded), and a MAINT switch will remain changed when released until another action (2nd switch or actuator) releases it back to the original position (think latched).



N.O.= Normally Open Switch
- Press to Close



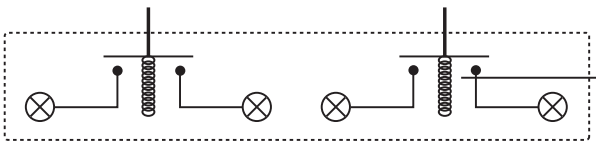
N.C.= Normally Closed Switch
- Press to Open



Closing N.O. Switch Creates A Circuit -
- **MOM** = Momentary switch will open when released (spring loaded)
- **Maint** = Maintained or latched switch will stay closed until another force opens switch

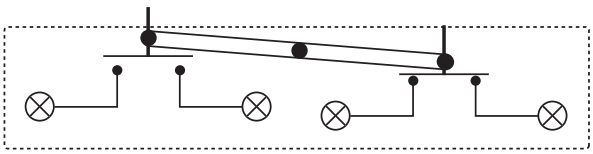
Interlocking Switches

Most switches are actually two buttons together in a single switch body. This illustration shows the definition of INTER-LOCKED (joined together) or NON-INTERLOCKED (independent operation). INTERLOCKED switches only allow one of the two switches to be used at a time. Like a playground seesaw, only one can be up or down. This prevents accidents and equipment damage. For example: a motor will not be allowed to turn CCW and CW at the same time or the overhead crane gantry can only move forward then reverse. These INTERLOCKED switches can be used in conjunction with other switches to close the cover on a food mixer before allowing the motor to spin the blades.



Spring Loaded for MOM (Momentary Operation)

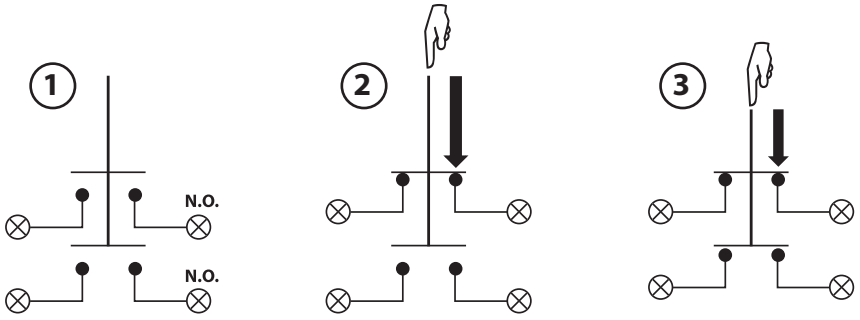
Not Interlocked - Each switch operates independantly even though they are in the same housing.



Interlocked - Only one switch can operate at a time. Think "seasaw" effect.

Speed Selection Switches

Some equipment can have more than one action or "speed". For example, a mixer can mix slow then faster during a process or a crane boom can move very slow and have a faster speed for rapid relocation. Speed switches are "add" type or progressive meaning the N.O. contacts add to each other as shown in this illustration. Pressing the button down to the first "click" closes the first set of N.O. contacts and then pressing further to the 2nd or 3rd click will then close the 2nd and 3rd set of N.O. contacts. 2 speed switches have 2 sets of N.O. contacts and 3 speed have 3 sets.



2 Speed N.O. Switch
(accumulative Type)

Press for 1st Speed

Press to 2nd Speed
Progressive Style

Ampacity Rating of Switches

It is good installation practice to know the amp rating of the equipment you are trying to control and ensure that the switch selected meets or exceeds that rating. This is normally why a pendant control station is used with low voltage (relay or PLC) systems (such as 12, 24 or 48 volt) when controlling large amp or higher voltage circuits.

Reel Construction

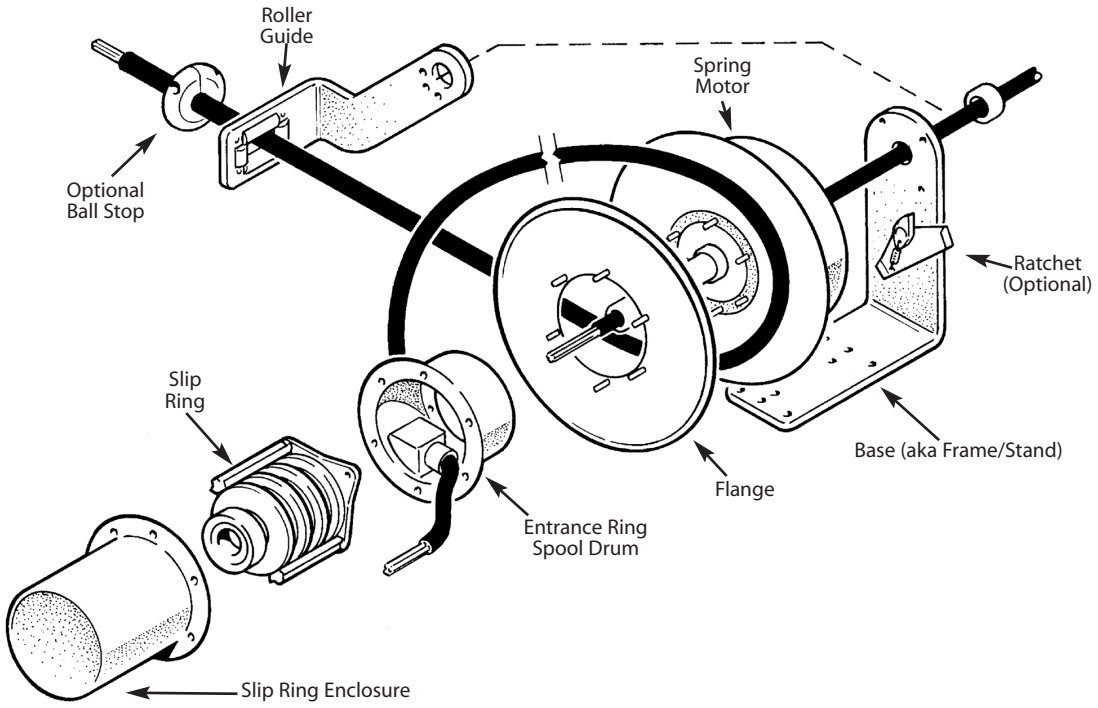
Five Basic Parts:

Base/Stand: Supports and mounts the reel
Spring Motor: Motor which rotates the spool
Spool: Composed of a Drum and two Flanges
Slip Ring: Transfers power from a stationary source to rotating source
Roller Guide: Guides the cable during payout and rewind

Definition of Terms:

Active Length: The difference between the minimum and maximum payout of cable
Safety Wrap: Cable that stays on the reel at maximum payout (Usually 2 complete wraps)
Sag Factor: The effect of gravity on actual travel length during stretch applications (6% - 10%)
Lift Height: The distance between where the cable lays to the center line of spool
Payout: Pulling cable out of the reel
Retract or Rewind: Rewinding cable back into the reel

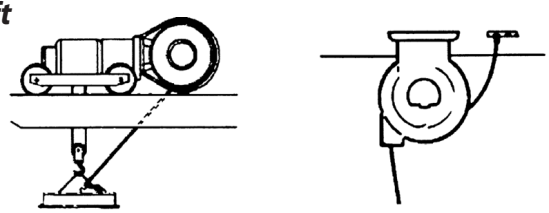
Components of a Cable Reel



Quick Index & Application Guide

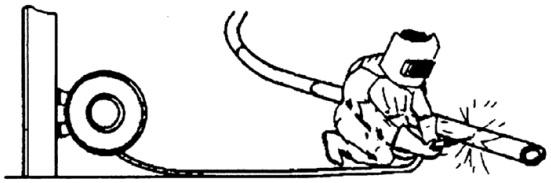
Reel Series	Typical Applications				
	Commercial Facilities Dry environments where no rain, spray or other moisture is present such as workshops & auto garages.	**Light Industrial** Dry environments where no rain, spray or other moisture is present such as schools and firehouses.	**General Industrial** Dry environments where subject to frequent use to supply light or power to portable or moving equipment.	**Heavy-Duty Industrial** Dry or wet areas where rain, spray or other moisture is present. Reel used to supply light or power to portable or moving equipment.	**Hazardous Locations** Classified per NEC article 500 & where rain, spray or other moisture is present.
3000 Commercial Duty	•				
2900 Light Duty	•				
4000 Industrial Duty	•	•	•		
5000 Industrial Duty	•	•	•	•	
6000 Heavy Duty Industrial	•	•	•	•	
7000 Heavy Duty Industrial	•	•	•	•	
8000 Hazardous Location					•
SDR Grounding Reels	•	•	•	•	

Lift



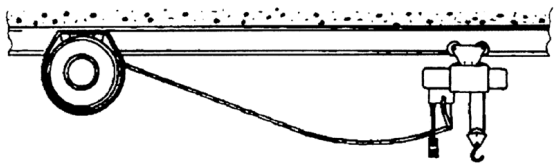
The reel needs to "lift" the cable vertically. The reel is usually stationary. Cable is pulled out of the reel by machine or by hand (as with an overhead light source or a pendant station.)

Drag



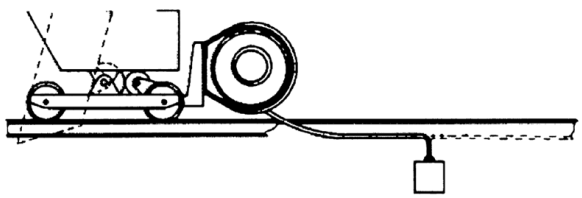
The reel needs to "drag" the cable through supports or along the ground horizontally. The reel is usually stationary. Cable can be pulled out by hand or by machine. Note: This application is the hardest on cable life.

Stretch



The cable is "stretched" horizontally and is unsupported. The reel may be stationary mounted or mounted onto moving equipment. Cable is pulled out by machine. An extra 6% -10% in cable beyond active travel is required for cable sag.

Retrieve



The reel needs to pickup ("retrieve") the cable. The reel is mounted on moving equipment. Cable is pulled out by machine.

Follow these three steps to make sure you get the best reel for your application needs. Your local representative or the sales team at our factory are glad to help if you need additional assistance.

Step 1: Mechanical Requirements:

- How will the reel be used? Stretch, Lift, Drag, or Retrieve? (See left for guidance)
- What type of environment will the reel be located in? (Indoors, outdoors, corrosive environment)
- What is the Duty Cycle? (How often will be reel payout and retract?)
- What is the maximum speed of equipment? (Maximum recommended speed is 150 feet per minute)

Step 2: Electrical Requirements:

- How much amperage is the cable expected to handle?
- At what voltage?
- What will the reel be required to handle: power, control, or communication signals?
- How many total conductors are required? (Please include one conductor for dedicated ground)
- What gauge (AWG) cable is required? The amperage and total number of conductors required will determine the gauge

Step 3: Cable Length Requirements:

- ADD: Active Length: The difference between the minimum operating payout
- PLUS: Inactive Length: Cable that always stays out of the reel, even at full retraction
- PLUS: Safety Wrap:* Cable that stays on the reel at maximum payout - See note below for details
- PLUS: Sag Factor - (Stretch Only): Add 10% to Active and Inactive Length total
- Lift Height - (Drag/Retrieve): The distance between where the cable lays up to the spool center line. Max 4'
- Hook up Length: Cable required for termination at both ends - 2-3' Spool End

* NOTE:
- Series 4000 = 2'
- Series 5000 = 2'
- Series 6000 = 5'
- Series 7000 = 5'
- Series 8000 = 3'

Environmental ratings for enclosures based on "NEMA" Type designations

"NEMA" Types From UL50 & UL508

Enclosure Type Designation	Intended Use and Description
1	Indoor use primarily to provide a degree of protection against limited amounts of falling dirt.
2	Indoor use primarily to provide a degree of protection against limited amounts of falling dirt and water.
3	Outdoor use primarily to provide a degree of protection against rain, sleet, wind blown dust and damage from external ice formation.
3R	Outdoor use primarily to provide a degree of protection against rain, sleet, and damage from external ice formation.
3S	Outdoor use primarily to provide a degree of protection against rain, sleet, windblown dust and to provide for operation of external mechanisms when ice laden.
4	Indoor or outdoor use primarily to provide a degree of protection against windblown dust and rain, splashing water, hose-directed
4X	Indoor or outdoor use primarily to provide a degree of protection against corrosion, windblown dust and rain, splashing water, hose-directed water, and damage from external ice formation.
5	Indoor use primarily to provide a degree of protection against settling airborne dust, falling dirt, and dripping noncorrosive liquids.
6	Indoor or outdoor use primarily to provide a degree of protection again hose-directed water, and the entry of water during occasional temporary submersion at a limited depth and damage from external ice formation.
6P	Indoor or outdoor use primarily to provide a degree of protection against hose-directed water, the entry of water during prolonged submersion at a limited depth and damage from external ice formation.
7	Indoor use in locations classified as Class I, Division 1, Groups A, B, C or D hazardous locations as defined in the National Electric Code (NFPA 70) (Commonly referred to as explosion-proof).
8	Indoor or outdoor use in locations classified as Class I, Division 2, Groups A, B, C or D hazardous locations as defined in the National Electric Code (NFPA 70) (commonly referred to as oil immersed).
9	Indoor use in locations classified as Class II, Division 1, Groups E, F and G hazardous locations as defined in the National Electric Code (NFPA 70) (commonly referred to as dust-ignition proof).
10	Intended to meet the applicable requirements of the Mine Safety and Health Administration (MSHA).
12 and 12K	Indoor use primarily to provide a degree of protection against circulating dust, falling dirt, and dripping noncorrosive liquids.
13	Indoor use primarily to provide a degree of protection against dust, spraying of water, oil, and noncorrosive coolant.

a.) ANSI/UL50, Enclosures for Electrical Equipment for Types 1, 2, 3, 3R, 3S, 4, 4X, 5, 6, 6P, 12, 12K and 13.

b.) ANSI/UL698, Industrial Control Equipment for Use in Hazardous (Classified) Locations and other related standards for Types 7, 8 and 9.

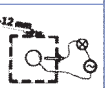
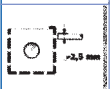
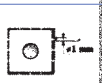
c.) ANSI/NEMA250, Enclosures for Electrical Equipment (1000 Volts Maximum) for Types 1, 2, 3, 3R, 3S, 4, 4X, 5, 6, 6P, 7, 8, 9,12, 12K and 13.

Comparison of "NEMA" Type and "IP" Code designations
Conversion of "NEMA" Type to "IP" Code designations*

Type Number	IP Designation
1	IP10
2	IP11
3	IP54
3R	IP54
3S	IP54
4 and 4X	IP56
5	IP52
6 and 6P	IP67
12 and 12K	IP52
13	IP54

*Table cannot be used to convert "IP" Codes to "NEMA" Types. See NEMA 250 for additional details.

TABLE 1 - CHARACTERISTICS DEFINED BY THE IEC Per Standard 60529

			Second Digit - Protection against the penetration of liquids								
			IP_0	IP_1	IP_2	IP_3	IP_4	IP_5	IP_6	IP_7	IP_8
											
			Non protected	Protection against vertical falling of water drops	Protection against falling of water drops at an angle up to 15° from the vertical	Protection against spraying water (rain) at an angle up to 60° from the vertical	Protection against splashing water from any direction (360°)	Protection against water jets from any direction (360°)	Protection against heavy seas (waves)	Protection against effects of immersion in water under defined conditions of pressure and time	Protection against continuous submersion in water
First Digit - Protection against persons - touching and ingress of solid foreign objects											
IP 0_		Without protection	IP 00								
IP 1_		Protection against touching with the hand and solid objects greater than 50mm dia.	IP 10	IP 11	IP 12						
IP 2_		Protection against touching with the finger and solid objects greater than 12mm dia.	IP 20	IP 21	IP 22	IP 23					
IP 3_		Protection against touching with tools, wires, etc. more than 2.5mm thick and solid objects greater than 2.5mm dia.	IP 30	IP 31	IP 32	IP 33	IP 34				
IP 4_		Protection against touching with tools, wires, etc. more than 1mm thick and solid objects greater than 1mm dia.	IP 40	IP 41	IP 42	IP 43	IP 44				
IP 5_		Unlimited protection against contact with live parts and damaging deposits of dust	IP 50				IP 54	IP 55			
IP 6_		Unlimited protection against contact with live parts and any penetration of dust	IP 60					IP 65	IP 66	IP 67	IP 68

In some countries a third digit (for mechanical security) is added.

Class I Hazardous Locations

Flammable Gases, Vapor or Liquids

Class I Area Classifications

Division 1:
Where ignitable concentrations of flammable gases, vapors or liquids can exist all of the time or some of the time under normal operating conditions.

Division 2:
Where ignitable concentrations of flammable gases, vapors or liquids are not likely under normal operating conditions.

Zone 0:
Where ignitable concentrations of flammable gases, vapors or liquids are present continuously or for long periods of time under normal operating conditions.

Zone 1:
Where ignitable concentrations of flammable gases, vapors or liquids are likely to exist under normal operating conditions.

Zone 2:
Where ignitable concentrations of flammable gases, vapors or liquids are not likely to exist under normal operating conditions.

Class I Groups

Division 1 and 2
A (acetylene)
B (hydrogen)
C (ethylene)
D (propane)

Zone 0, 1 and 2
IIC (acetylene & hydrogen)
IIB (ethylene)
IIA (propane)

Class I Temperature Codes

Division 1 and 2
T1 (≤ 450°C)
T2 (≤ 300°C)
T2A, T2B, T2C, T2D
(≤ 280°C, ≤ 260°C, ≤ 230°C, ≤ 215°C)
T3 (≤ 200°C)
T3A, T3B, T3C
(≤ 180°C, ≤ 165°C, ≤ 160°C)
T4 (≤ 135°C)
T4A (≤ 120°C)
T5 (≤ 100°C)
T6 (≤ 85°C)

Zone 0,1 and 2
T1 (≤ 450°C)
T2 (≤ 300°C)

T3 (≤ 200°C)

T4 (≤ 135°C)

T5 (≤ 100°C)
T6 (≤ 85°C)

Class II Hazardous Locations

Combustible Dusts

Class II Area Classifications

Division 1:
Where ignitable concentrations of combustible dusts can exist all of the time or some of the time under normal operating conditions.

Division 2:
Where ignitable concentrations of combustible dusts are not likely to exist under normal operating conditions.

Class II Groups

Division 1 and 2
E (metals--- Div. 1 only)
F (coal)
G (grain)

Class II Temperature Codes

Division 1 and 2
T1 (≤ 450°C)
T2 (≤ 300°C)
T2A, T2B, T2C, T2D
(≤ 280°C, ≤ 260°C, ≤ 230°C, ≤ 215°C)
T3 (≤ 200°C)
T3A, T3B, T3C
(≤ 180°C, ≤ 165°C, ≤ 160°C)
T4 (≤ 135°C)
T4A (≤ 120°C)
T5 (≤ 100°C)
T6 (≤ 85°C)

Class III Hazardous Locations

Ignitable Fibers & Flyings Class III Area Classifications

Division 1:
Where easily ignitable fibers or materials producing combustible flyings are handled, manufactured or used.

Division 2:
Where easily ignitable fibers are stored or handled.

Class III Temperature Codes

Division 1 and 2
None

Note: Article 503 of the NEC limits the maximum temperature for Class III equipment to 165°C for equipment not subject to overloading and to 120°C for equipment that maybe overloaded.

Class III Groups

Division 1 and 2
None

Hazardous Locations Markings

Class I, II & III Division 1 & 2 (U.S. & Canada) - This marking would include:
Class(es), Division(s), Gas/Dust Group(s), Temperature Code
Example: Class I, Division I, Group C & D, T4A

Class I, Zone 0, 1 & 2 (U.S. & Canada) - This marking would include:
Method A: For Zone Listings based on UL 2279 or the CSA-E79 Series
Class, Zone(s), Ex, Protection Method(s), Gas Group, Temperature Code
Example: Class I, Zone 1, Ex de IIB, T4

Method B: For Zone Listings based on UL or CSA Division Certification Documents
Class, Zone(s), Gas Group, Temperature Code
Example: Class I, Zone 1, Group IIB, T4

Note: For U.S. Zone Listings based on UL 2279, Article 505 of the 1999 NEC requires that the "Ex" element of the marking string shall read "AEx."

Note: For Canadian Zone listings based on the CSA-E79 Series, the "Class" and "Zone" elements of the marking string are optional.

Zone 0, 1 & 2 (IEC only) - This marking would include;
EEx, Protection Method(s), Gas Group, Temperature Code
Example: Ex de IIB T4

Zone 0, 1 & 2 (Europe only) - This marking would include:
EEx, Protection Method(s), Gas Group, Temperature Code
Example: EEx de IIB T4

Temperature Conversion Chart

1. Locate known temperature in °C/°F column
2. Read converted temperature in °C or °F column
   Example: To convert 75 F to Celsius…
   Locate 75 in °C/°F column
   Read converted temperature in C Column, 23.9 C

°C	°C/°F	°F	°C	°C/°F	°F	°C	°C/°F	°F
-40.0	-40	-40	40.6	105	221	123.9	255	491
-37.2	-35	-31	43.3	110	230	126.7	260	500
-34.4	-30	-22	46.1	115	239	129.4	265	509
-31.7	-25	-13	48.9	120	248	132.2	270	518
-28.9	-20	-4	51.7	125	257	135.0	275	527
-26.1	-15	5	54.4	130	266	137.8	280	536
-23.3	-10	14	57.2	135	275	140.6	285	545
-20.6	-5	23	60.0	140	284	143.3	290	554
-17.8	0	32	62.8	145	293	146.1	295	563
-15.0	5	41	65.6	150	302	148.9	300	572
-12.2	10	50	68.3	155	311	151.7	305	581
-9.4	15	59	71.1	160	320	154.4	310	590
-6.7	20	68	76.7	170	338	157.2	315	599
-3.9	25	77	79.4	175	347	160.0	320	608
-1.1	30	86	82.2	180	356	162.8	325	617
1.7	35	95	85.0	185	365	165.6	330	626
4.4	40	104	87.8	190	374	168.3	335	635
7.2	45	113	90.6	195	383	171.1	340	644
10.0	50	122	93.3	200	392	173.9	345	653
12.8	55	131	96.1	205	401	176.7	350	662
15.6	60	140	98.9	210	410	179.4	355	671
18.3	65	149	101.7	215	419	182.2	360	680
21.1	70	158	104.4	220	428	185.0	365	689
23.9	75	167	107.2	225	437	187.8	370	698
26.7	80	176	110.0	230	446	190.6	375	707
29.4	85	185	112.8	235	455	193.3	380	716
32.2	90	194	115.6	240	464	196.1	385	725
35.0	95	203	118.3	245	473	198.9	390	734
37.8	100	212	121.1	250	482	201.7	395	743

Temperature Conversion Formulas

°F = (9/5 x °C) + 32
°C = 5/9 (°F - 32)

Metric Conversion Chart

(Fraction Inch to Decimal Inch and Millimeters)

Fraction (In.)	Three Place Decimal (In.)	Three Place Decimal (mm)
1/64	0.016	0.397
1/32	.031	.794
3/64	.047	1.191
1/16	.062	1.588
5/64	.078	1.934
3/32	.094	2.381
7/64	.100	2.778
1/8	.125	3.175
9/64	.141	3.572
5/32	.156	3.969
11/64	.172	4.366
3/16	.188	4.763
13/64	.203	5.159
7/32	.219	5.556
15/64	.234	5.953
1/4	.250	6.350
17/64	.266	6.747
9/32	.281	7.144
19/64	.297	7.541
5/16	.312	7.938
21/64	.328	8.334
11/32	.344	8.731
23/64	.359	9.128
3/8	.375	9.525
25/64	.391	9.922
13/32	.406	10.319
27/64	.422	10.716
7/16	.438	11.113
29/64	.453	11.509
15/32	.469	11.906
31/64	.484	12.303
1/2	.500	12.700

Fraction (In.)	Three Place Decimal (In.)	Three Place Decimal (mm)
33/64	.516	13.097
17/32	.531	13.494
35/64	.547	13.891
9/16	.562	14.288
37/64	.578	14.684
19/32	.594	15.081
39/64	.609	15.478
5/8	.625	15.875
41/64	.641	16.272
21/32	.656	16.669
43/64	.672	17.066
11/16	.688	17.463
45/64	.703	17.859
23/32	.719	18.256
47/64	.734	18.653
3/4	.750	19.050
49/64	.766	19.447
25/32	.781	19.844
51/64	.797	20.241
13/16	.812	20.638
53/64	.828	21.034
27/32	.844	21.431
55/64	.859	21.828
7/8	.875	22.225
57/64	.891	22.622
29/32	.906	23.019
59/64	.922	23.416
15/16	.938	23.813
61/64	..953	24.209
31/32	.969	24.606
63/64	.984	25.003
1	1.000	25.400

Metric Conversion Formulas

To Obtain	Multiply
Millimeters	Inches x 25.4
Inches	Millimeters x 0.0394
Meter	Feet x .3048
Feet	Meters x 3.281
Square Centimeters	Square Inches x 6.45
Square Inches	Square Centimeters x 0.155
Kilograms	Pounds x 0.4536
Pounds	Kilograms x 2.205

OHMS Law

Ohms = $\frac{\text{Volts}}{\text{Amperes}}$ ***Amperes*** = $\frac{\text{Volts}}{\text{Ohms}}$ ***Volts*** = Amperes x Ohms

Power

Watts = Amperes x Volts or Amps x Amps x ohms, or $\frac{\text{Volts x Volts}}{\text{ohms}}$

Amperes = $\frac{\text{Watts}}{\text{Volts}}$

HP = $\frac{\text{Volts x Amps x Efficiency}}{746}$

Power Factor = $\frac{\text{Watts}}{\text{Amperes x Volts}}$

3-phase Amperes = $\frac{\text{746 x HP (Horsepower)}}{\text{1.732 x Volts x Efficiency x Power Factor}}$

Single-phase Kilowatts = $\frac{\text{Volts x Amperes x Power Factor}}{1000}$

Single-phase Amperes = $\frac{\text{746 x HP (Horsepower)}}{\text{Volts x Efficiency x Power Factor}}$

Approximate Voltage Drop for Various Extension Cord Gauges, Lengths, and Amps

Cord Length, feet	Current flowing through cord			
	10A	15A	20A	30A
Cord Size = #16 gauge wire				
10	1.0 V (0.8%)			
20	2.0 V (1.7%)			
30	2.9 V (2.4%)			
40	3.9 V (3.3%)			
50	4.9 V (4.1%)			
100	9.8 V (8.2%)			
Cord Size = #14 gauge wire				
10	0.6 V (0.5%)	0.9 V (0.8%)		
20	1.2 V (1.0%)	1.8 V (1.5%)		
30	1.8 V (1.5%)	2.7 V (2.3%)		
40	2.4 V (2.0%)	3.6 V (3.0%)		
50	3.0 V (2.5%)	4.6 V (3.8%)		
100	6.1 V (5.1%)	9.1 V (7.6%)		
Cord Size = #12 gauge wire				
10	0.4 V (0.3%)	0.6 V (0.5%)	0.8 V (1.7%)	
20	0.8 V (0.7%)	1.1 V (0.9%)	1.5 V (1.3%)	
30	1.1 V (0.9%)	1.7 V (1.4%)	2.3 V (1.9%)	
40	1.5 V (1.3%)	2.3 V (1.9%)	3.1 V (2.6%)	
50	1.9 V (1.6%)	2.9 V (2.4%)	3.8 V (3.2%)	
100	3.8 V (3.2%)	5.7 V (4.8%)	7.7 V (6.4%)	
Cord Size = #10 gauge wire				
10	0.2 V (0.2%)	0.4 V (0.3%)	0.5 V (0.4%)	0.7 V (0.6%)
20	0.5 V (0.4%)	0.7 V (0.6%)	1.0 V (0.8%)	1.4 V (1.2%)
30	0.7 V (0.6%)	1.1 V (0.9%)	1.4 V (1.2%)	2.2 V (1.8%)
40	1.0 V (0.8%)	1.4 V (1.2%)	1.9 V (1.6%)	2.9 V (2.4%)
50	1.2 V (1.0%)	1.8 V (1.5%)	2.4 V (2.0%)	3.6 V (3.0%)
100	2.4 V (2.0%)	3.6 V (3.0%)	4.8 V (4.0%)	7.2 V (6.0%)

Note 1: Numbers are rounded to the nearest 0.1V and 0.1%.

Note 2: Voltage drops shown are the same for any single-phase supply voltage. Voltage drop depends only on amps.

Note 3: Values are approximate, as they are affected by factors such as temperature.

Note 4: For a given cord size and amps, voltage drop is uniform over a length of cord, so for example, a 40 ft cord has twice the voltage drop as a 20 ft cord. That means the numbers in the voltage drop columns can be added together. For example, the voltage drop for a 70 ft cord can be found by adding together the voltage drops for a 30 ft cord and a 40 ft cord.

OSHA Product Match

Topic	Regulation	Ericson Product
General Wiring	1926.404(a)(2) Polarity of connections. No grounded conductor shall be attached to any terminal or lead so as to reverse designated polarity.	Plugs and Connectors
Wiring Devices	1926.404(a)(3) Use of grounding terminals and devices. A grounding terminal or grounding-type device on a receptacle, cord connector, or attachment plug shall not be used for purposes other than grounding.	
Ground Fault Protection	1926.404(b)(1)(i) General. The employer shall use either ground fault circuit interrupters as specified in paragraph (b)(1)(ii) of this section or an assured equipment grounding conductor program as specified in paragraph (b)(1)(iii) of this section to protect employees on construction sites. These requirements are in addition to any other requirements for equipment grounding conductors.	GFCI
	1926.404(b)(1)(ii) Ground-fault circuit interrupters. All 120-volt, single-phase 15- and 20-ampere receptacle outlets on construction sites, which are not a part of the permanent wiring of the building or structure and which are in use by employees, shall have approved ground-fault circuit interrupters for personnel protection. Receptacles on a two-wire, single-phase portable or vehicle-mounted generator rated not more than 5kW, where the circuit conductors of the generator are insulated from the generator frame and all other grounded surfaces, need not be protected with ground-fault circuit interrupters.	
Assured Equipment Grounding Conductor Program	1926.404(b)(1)(iii) Assured equipment grounding conductor program. The employer shall establish and implement an assured equipment grounding conductor program on construction sites covering all cord sets, receptacles which are not a part of the building or structure, and equipment connected by cord and plug which are available for use or used by employees. This program shall comply with the following minimum requirements:	GFCI Oscars® Smart Monitor Plugs/Connectors
	1926.404(b)(1)(iii)(A) A written description of the program, including the specific procedures adopted by the employer, shall be available at the jobsite for inspection and copying by the Assistant Secretary and any affected employee.	
	1926.404(b)(1)(iii)(B) The employer shall designate one or more competent persons (as defined in 1926.32(f)) to implement the program.	
	1926.404(b)(1)(iii)(C) Each cord set, attachment cap, plug and receptacle of cord sets, and any equipment connected by cord and plug, except cord sets and receptacles which are fixed and not exposed to damage, shall be visually inspected before each day's use for external defects, such as deformed or missing pins or insulation damage, and for indications of possible internal damage. Equipment found damaged or defective shall not be used until repaired.	
	1926.404(b)(1)(iii)(D) The following tests shall be performed on all cord sets, receptacles which are not a part of the permanent wiring of the building or structure, and cord- and plug-connected equipment required to be grounded:	
	1926.404(b)(1)(iii)(D)(1) All equipment grounding conductors shall be tested for continuity and shall be electrically continuous.	
	1926.404(b)(1)(iii)(D)(2) Each receptacle and attachment cap or plug shall be tested for correct attachment of the equipment grounding conductor. The equipment grounding conductor shall be connected to its proper terminal.	
	1926.404(b)(1)(iii)(E) All required tests shall be performed:	
	1926.404(b)(1)(iii)(E)(1) Before first use	
	1926.404(b)(1)(iii)(E)(2) Before equipment is returned to service following any repairs	
	1926.404(b)(1)(iii)(E)(3) Before equipment is used after any incident which can be reasonably suspected to have caused damage (for example, when a cord set is run over) and	
	1926.404(b)(1)(iii)(E)(4) At intervals not to exceed 3 months, except that cord sets and receptacles which are fixed and not exposed to damage shall be tested at intervals not exceeding 6 months.	
	1926.404(b)(1)(iii)(F) The employer shall not make available or permit the use by employees of any equipment which has not met the requirements of this paragraph (b)(1)(iii) of this section.	
	1926.404(b)(1)(iii)(G) Tests performed as required in this paragraph shall be recorded. This test record shall identify each receptacle, cord set, and cord- and plug-connected equipment that passed the test and shall indicate the last date it was tested or the interval for which it was tested. This record shall be kept by means of logs, color coding, or other effective means and shall be maintained until replaced by a more current record. The record shall be made available on the jobsite for inspection by the Assistant Secretary and any affected employee.	

Topic	Regulation	Ericson Product
Electrical Grounding Safety for Generator or Transformer Derived Power	1926.404(f)(2) Separately derived systems. Where paragraph (f)(1) of this section requires grounding of wiring systems whose power is derived from generator, transformer, or converter windings and has no direct electrical connection, including a solidly connected grounded circuit conductor, to supply conductors originating in another system, paragraph (f)(5) of this section shall also apply.	**e-Cart™2 e-Cart™ Jr**
	1926.404(f)(3)(iii) Neutral conductor bonding. A neutral conductor shall be bonded to the generator frame if the generator is a component of a separately derived system. No other conductor need be bonded to the generator frame.	
	1926.404(f)(5)(i) Grounded system. For a grounded system, a grounding electrode conductor shall be used to connect both the equipment grounding conductor and the grounded circuit conductor to the grounding electrode. Both the equipment grounding conductor and the grounding electrode conductor shall be connected to the grounded circuit conductor on the supply side of the service disconnecting means, or on the supply side of the system disconnecting means or overcurrent devices if the system is separately derived.	

Topic	Regulation	Ericson Product
Cord Connected Equipment	1926.404(f)(7)(iv) Equipment connected by cord and plug. Under any of the conditions described in paragraphs (f)(7)(iv)(A) through (f)(7)(iv)(C) of this section, exposed non-current-carrying metal parts of cord- and plug-connected equipment which may become energized shall be grounded:	**e-Cart™, Oscar® Series**
	1926.404(f)(7)(iv)(A) If in a hazardous (classified) location (see 1926.407).	**Hazardous Location Lighting**
	1926.404(f)(7)(iv)(B) If operated at over 150 volts to ground, except for guarded motors and metal frames of electrically heated appliances if the appliance frames are permanently and effectively insulated from ground.	**Ericson Temporary Cordsets and Wiring Devices**
	1926.404(f)(7)(iv)(C)(1) Hand held motor-operated tools	
	1926.404(f)(7)(iv)(C)(2) Cord- and plug-connected equipment used in damp or wet locations or by employees standing on the ground or on metal floors or working inside of metal tanks or boilers	
	1926.404(f)(7)(iv)(C)(4) Tools likely to be used in wet and/or conductive locations	
	1926.404(f)(7)(iv)(C)(5) Portable hand lamps.	**Ericson Temporary Lighting Products**
	1926.404(f)(7)(iv)(C)(6) Tools likely to be used in wet and/or conductive locations need not be grounded if supplied through an isolating transformer with an ungrounded secondary of not over 50 volts. Listed or labeled portable tools and appliances protected by a system of double insulation, or its equivalent, need not be grounded. If such a system is employed, the equipment shall be distinctively marked to indicate that the tool or appliance utilizes a system of double insulation.	**Low Voltage Lighting Products**

OSHA Product Match

Topic	Regulation	Ericson Product
Temporary Wiring	1926.405(a)(2)(i) Scope. The provisions of paragraph (a)(2) of this section apply to temporary electrical power and lighting wiring methods which may be of a class less than would be required for a permanent installation. Except as specifically modified in paragraph (a)(2) of this section, all other requirements of this subpart for permanent wiring shall apply to temporary wiring installations. Temporary wiring shall be removed immediately upon completion of construction or the purpose for which the wiring was installed.	Stringlights and Cordsets
	1926.405(a)(2)(ii)(B) Branch circuits shall originate in a power outlet or panelboard. Conductors shall be run as multiconductor cord or cable assemblies or open conductors, or shall be run in raceways. All conductors shall be protected by overcurrent devices at their ampacity. Runs of open conductors shall be located where the conductors will not be subject to physical damage, and the conductors shall be fastened at intervals not exceeding 10 feet (3.05 m). No branch-circuit conductors shall be laid on the floor. Each branch circuit that supplies receptacles or fixed equipment shall contain a separate equipment grounding conductor if the branch circuit is run as open conductors.	e-Cart™ and Oscar™ Series
	1926.405(a)(2)(ii)(C) Receptacles shall be of the grounding type. Unless installed in a complete metallic raceway, each branch circuit shall contain a separate equipment grounding conductor, and all receptacles shall be electrically connected to the grounding conductor. Receptacles for uses other than temporary lighting shall not be installed on branch circuits which supply temporary lighting. Receptacles shall not be connected to the same ungrounded conductor of multiwire circuits which supply temporary lighting.	e-Cart™ and Oscar® Series
	1926.405(a)(2)(ii)(D) Disconnecting switches or plug connectors shall be installed to permit the disconnection of all ungrounded conductors of each temporary circuit.	Ericson Wiring Devices
Lamp Guards on All Lighting	1926.405(a)(2)(ii)(E) All lamps for general illumination shall be protected from accidental contact or breakage. Metal-case sockets shall be grounded.	Ericson Lamp Guards
Temporary Lighting Mounting	1926.405(a)(2)(ii)(F) Temporary lights shall not be suspended by their electric cords unless cords and lights are designed for this means of suspension.	Stringlights
Low Voltage Lighting	1926.405(a)(2)(ii)(G) Portable electric lighting used in wet and/or other conductive locations, as for example, drums, tanks, and vessels, shall be operated at 12 volts or less. However, 120-volt lights may be used if protected by a ground-fault circuit interrupter.	Low Voltage Lighting
Cord Protection	1926.405(a)(2)(ii)(I) Flexible cords and cables shall be protected from damage. Sharp corners and projections shall be avoided. Flexible cords and cables may pass through doorways or other pinch points, if protection is provided to avoid damage.	CP5-36 Cable Protectors
Flexible Cords	1926.405(a)(2)(ii)(J) Extension cord sets used with portable electric tools and appliances shall be of three-wire type and shall be designed for hard or extra-hard usage. Flexible cords used with temporary and portable lights shall be designed for hard or extra-hard usage.	Ericson Temporary Cordsets
	1926.405(g)(2)(iv) Strain relief. Flexible cords shall be connected to devices and fittings so that strain relief is provided which will prevent pull from being directly transmitted to joints or terminal screws.	6000, 7000 and 8000 Series Boxes and Covers

Topic	Regulation	Ericson Product
Portable Lighting	1926.405(j)(1)(iii) Portable lamps. Portable lamps shall be wired with flexible cord and an attachment plug of the polarized or grounding type. If the portable lamp uses an Edison-based lampholder, the grounded conductor shall be identified and attached to the screw shell and the identified blade of the attachment plug. In addition, portable handlamps shall comply with the following:	Ericson Lighting Products and Wiring Devices
Handlamps	1926.405(j)(1)(iii)(B) Handlamps shall be equipped with a handle of molded composition or other insulating material	Ericson Lighting Products
	1926.405(j)(1)(iii)(C) Handlamps shall be equipped with a substantial guard attached to the lampholder or handle	
Metal Guards on Stringlights	1926.405(j)(1)(iii)(D) Metallic guards shall be grounded by the means of an equipment grounding conductor run within the power supply cord.	
Weather Proof Lampholders	1926.405(j)(1)(iv) Lampholders. Lampholders of the screw-shell type shall be installed for use as lampholders only. Lampholders installed in wet or damp locations shall be of the weatherproof type.	
Lighting Fixtures in Wet Locations	1926.405(j)(1)(v) Fixtures. Fixtures installed in wet or damp locations shall be identified for the purpose and shall be installed so that water cannot enter or accumulate in wireways, lampholders, or other electrical parts.	
Plugs / Connectors	1926.405(j)(2)(i) Configuration. Receptacles, cord connectors, and attachment plugs shall be constructed so that no receptacle or cord connector will accept an attachment plug with a different voltage or current rating than that for which the device is intended. However, a 20-ampere T-slot receptacle or cord connector may accept a 15-ampere attachment plug of the same voltage rating. Receptacles connected to circuits having different voltages, frequencies, or types of current (ac or dc) on the same premises shall be of such design that the attachment plugs used on these circuits are not interchangeable.	Ericson Wiring Devices
Wet Locations for Receptacles	1926.405(j)(2)(ii) Damp and wet locations. A receptacle installed in a wet or damp location shall be designed for the location.	FS Flip Covers

1926.56(a)

General. Construction areas, ramps, runways, corridors, offices, shops, and storage areas shall be lighted to not less than the minimum illumination intensities listed in Table D-3 while any work is in progress:

TABLE D-3 - MINIMUM ILLUMINATION INTENSITIES IN FOOT-CANDLES

Foot-Candles	Area of Operation
5	General construction area lighting.
3	General construction areas, concrete placement, excavation and waste areas, access ways, active storage areas, loading platforms, refueling, and field maintenance areas.
5	Indoors: warehouses, corridors, hallways, and exitways.
5	Tunnels, shafts, and general underground work areas: (Exception: minimum of 10 foot-candles is required at tunnel and shaft heading during drilling, mucking, and scaling. Bureau of Mines approved cap lights shall be acceptable for use in the tunnel heading)
10	General construction plant and shops (e.g., batch plants, screening plants, mechanical and electrical equipment rooms, carpenter shops, rigging lofts and active store rooms, mess halls, and indoor toilets and workrooms.)
30	First aid stations, infirmaries, and offices.

Glossary of Terms

AC (Alternating Current) - An electrical current that reverses direction in a circuit at regular intervals, such as normal household current.

Adapter - Device that adapts one form or size of connection to another.

ALCI - Appliance Leakage Current Interrupter. An ALCI is a device intended to be used in conjunction with an electrical appliance whose function is to interrupt both conductors of the electric circuit to a load when a fault current to ground exceeds 4-6 mA and is less than that required to operate the overcurrent protection device of the circuit. The ALCI is intended to be used only in a circuit that has a solidly grounded neutral conductor, and is required. ALCIs are considered "personal protection" devices and contain the following features: a) Can function either line polarity, and b) Other features may or may not be provided.

Ambient Temperature - The temperature of a medium (gas or liquid) surrounding an object.

Ampacity - The current in amperes that a conductor can carry continuously under the conditions of use without exceeding its temperature rating.

Ampere - The unit of current. One ampere is the current flowing through one ohm of resistance at one volt potential.

Attachment Plug - Male contact device for the readily detachable connection of a flexible cord or cable to receptacles, connectors, flanged equipment power outlets, etc.

Auto Reset - GFCI that powers-up automatically upon plug-in and after power loss. User must press the reset button in the event of a ground fault to restore power.

AWG - American Wire Gauge. A relative system for the designation of wire diameter.

Braid - A fibrous or metallic group of filaments interwoven in cylindrical form to form a covering over one or more wires. Typically used to add mechanical strength & abrasion resistance to flexible cord.

Circuit (Electric) - The complete path of an electrical current. When the continuity is broken, it is called an open circuit; when continuity is maintained, it is called a closed circuit.

Collector Ring - A collector ring is an assembly of slip rings for transferring electrical energy from a stationary to a rotating member.

Conductor - An uninsulated wire suitable for carrying electrical current.

Confined Space [1] **-** OSHA defines a confined space as an area that: (1) is large enough and so configured that an employee can bodily enter and perform assigned work; and (2) has limited or restricted means for entry or exit (for example, tanks, vessels, silos, storage bins, hoppers, vaults, and pits are spaces that may have limited means of entry); and (3) is not designed for continuous employee occupancy [1].

Contacts - The parts of the connector that actually carry the electrical current, and are touched together or separated to control the flow.

Continuity Check - A test to determine whether electrical current flows continuously throughout the length of a single wire or individual wires in a cable.

Cord - A flexible insulated cable.

Cord Connector - Female contact device used in making a detachable connection to an attachment plug or a flanged equipment power inlet.

Cord Grip - Means by which the flexible cord entering a device is gripped in order to relieve stress on the terminals from tension applied to the cord.

CSA - Canadian Standards Association. This is a nonprofit, independent organization that operates a listing service for electronic materials and equipment. The Canadian counterpart of the Underwriters Laboratories.

Current Carrying Capacity - The maximum current an insulated conductor can safely carry without exceeding its insulation and jacket temperature limitations.

1. Source OSHA web site www.osha.gov

DC (Direct Current) - An electric current that flows only in one direction through a circuit, such as battery power.

Damp location - Partially protected locations under canopies, marquees, roofed open porches, and like locations, and interior locations subject to moderate degrees of moisture, such as some basements.

Dead Front - Without live parts exposed to a person on the operating side of the equipment.

Dielectric Strength - The voltage that an insulation can withstand before breakdown occurs. Usually expressed as a voltage gradient (such as volts per mil).

Dry Location - A location not normally subject to dampness or wetness. A location classified as dry may be temporarily subject to dampness or wetness, as in the case of a building under construction.

Dustproof - So constructed or protected that dust will not interfere with its successful operation.

EMI - Abbreviation for electromagnetic interference.

Elastomer - Macromolecular material that at room temperature returns rapidly to approximately it's initial dimensions and shape after substantial deformation by a weak stress and release of that stress.

ELCI - Equipment Leakage Current Interrupter. The ELCI is a device intended to provide leakage current protection in appliances and utilization equipment whose function is to interrupt all ungrounded conductors of the supply circuit to electrical equipment in the event a current, in excess of the trip current, occurs between live parts and the grounded enclosure of other grounded parts. An ELCI is not intended to be used in place of a GFCI, ALCI, or IDCI and may have any trip current value greater that **6 mA.** The use of an ELCI is not intended to replace or supersede the overcurrent protection requirements concerning trip current and time. ELCIs are considered "equipment protection" devices, not personal protection devices.

Flame Resistance - The ability of a material not to propagate flame once the heat source is removed.

Gauge - A term used to denote the physical size of a wire. See AWG.

GFCI - Ground Fault Circuit Interrupter, also known as a GFI. A device intended for the protection of personnel as well as equipment. It de-energizes a circuit within an established period of time (25 ms) when a current to ground exceeds some predetermined value (4-6 mA, for a Class A GFCI) that is less than that required to operate the overcurrent protective device of the supply circuit.

GFCI - (Class A) - Denotes a ground fault circuit interrupter that will trip when a fault current to ground is 6 mA or more.

Ground - An electrical term meaning to connect to the earth or other large conducting body to serve as an earth, thus making a complete electrical circuit.

Ground Fault - An unintentional electrical path between a part operating normally at some potential to ground, and ground.

Grounded Neutral - GFCI will automatically trip if the neutral conductor is grounded on the load side of the device (after sensor). If the load side neutral is shorted to ground and also a ground fault occurred simultaneously, some of the fault current would flow through the neutral wire to the sensor and some would flow through the inadvertent ground path. If such a ground connection occurred, it would be possible for a person to contact a hot wire and ground, having the ground fault current flow through the inadvertent neutral ground and the neutral to the service entrance. Under this condition, there may not be enough imbalance in current through the sensor to cause the GFCI to trip.

Hospital Grade - A device constructed to meet performance requirements of high abuse areas found in hospital locations, tested to "Hospital Grade" requirements of Underwriters' Laboratories Standard UL 498.

Incandescent - Method for producing light by heating a thin filament.

Manual Reset - GFCI that requires the user to press the reset button upon plug-in, after power loss to prevent accidental equipment start-up and in the event of a ground fault to restore power.

Glossary of Terms

Motor - Circuit Switch - A switch, rated in horsepower, capable of interrupting the maximum operating overload current of a motor of the same horsepower rating as the switch at the rated voltage.

NEMA - National Electrical Manufacturers Association.

NEMA 4X - An enclosure rating per UL50 and UL508 indicating that the product is intended for indoor or outdoor use primarily to provide a degree of protection against corrosion, windblown dust and rain, splashing water, hose-directed water, and damage from external ice formation.

NFPA - National Fire Protection Association.

Nuisance Trip - Tripping caused by conditions other than those for which the device is intended to respond.

Open Neutral Protection - GFCI will automatically trip when the neutral connection is lost. When the neutral connection is open, this creates an unsafe condition where the available current has lost its normal flow path, thus increasing the potential for the current to flow elsewhere.

OSHA - Occupational Safety and Health Act. Specifically the Williams-Steiger Law passed in 1970 covering all factors relating to safety in places of employment.

Overcurrent - Any current in excess of the rated current of equipment or the ampacity of a conductor. It may result from overload (see definition), short circuit, or ground fault. A current in excess of rating may be accommodated by certain equipment and conductors for a given set of conditions. Hence the rules for overcurrent protection are specific for particular situations.

Overload - Operation of equipment in excess of normal, full load rating, or of a conductor in excess of rated ampacity which, when it persists for a sufficient length of time, would cause damage or dangerous overheating. A fault, such as a short circuit or ground fault, is not an overload (See "Overcurrent").

Primary - The line (Power source) side of a device.

PVC - Polyvinyl Chloride. Compound used in thermoplastic (SJTW - STW) cords.

Rated Voltage - The maximum voltage at which an electrical component can operate for extended periods without undue degradation or safety hazard.

RFI - Abbreviation for radio frequency interference.
Reverse Polarity - Condition where the Hot and Neutral connections are switched.
Secondary - The load (equipment) side of a device.

SEOW - Extra Hard Service cord. 600v, oil resistant thermoplastic elastomer outer jacket. Weather resistant for outdoor use.

SJEOW - Junior hard service cord. 300v, oil resistant thermoplastic elastomer outer jacket. Weather resistant for outdoor use.

SJTW - Hard Service cord. 300v thermoplastic outer jacket. Weather resistant for outdoor use.

SOW - Hard service cord. 600v rubber outer jacket. Weather resistant for outdoor use.

SPT-1 - Thermoplastic constructed, parallel jacketed. 300 volt 2 or 3 conductor, 18 gauge.

SPT-2 - Same as SPT-1 but heavier construction. 18-16 gauge.

SPT-3 - Same as SPT-2 but heavier construction. 18-10 gauge.

STW - Extra Hard Service cord. 600v thermoplastic outer jacket. Weather resistant for outdoor use.

SVT - Vacuum cleaner service cord. All plastic construction, 2 or 3 conductors.

Thermoplastic - A material that softens when heated and becomes firm on cooling.

Thermoset - A material that hardens or sets when heat is applied and that, once set, cannot be resoftened by heating. The application of heat is called "curing".

TPE - Abbreviation for thermoplastic elastomer. A compound used in Portable/flexible cords (SEOW, SJEOW).

Trip - Denotes automatic interruption by the GFCI of the electrical circuit to load.

Trip Time - The elapsed interval between the time when the ground fault current is first applied and the time when the circuit is interrupted.

UL - Abbreviation for Underwriters Laboratories, a non-profit independent organization that operates a listing service for electrical and electronic materials and equipment.

UL Listed - Indicates an item has been tested and approved to the safety standards established by Underwriters' Laboratories.

UL Recognized - Refers to products that have been tested and approved to the safety standards established by Underwriters' Laboratories & are typically used as components of a final assembly.

VRMS - Voltage (root mean square).

Voltage - The term most often used in place of electromotive force, potential, potential difference, or voltage drop to designate the electrical pressure that exists between two points and is capable of producing a current when a closed circuit is connected between two points.

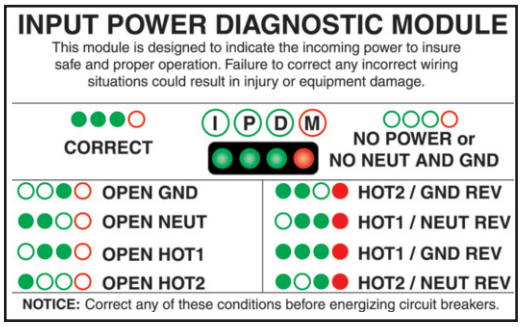
Weatherproof - So constructed or protected that exposure to the weather will not interfere with successful operation. Rainproof, raintight, or watertight equipment can fulfill the requirements for weatherproof where varying weather conditions other than wetness, such as snow, ice dust, or temperature extremes, are not a factor.

Wet location - Installations underground or in concrete slabs or masonry in direct contact with the earth, and locations subject to saturation with water or other liquids, such as locations exposed to weather and unprotected.

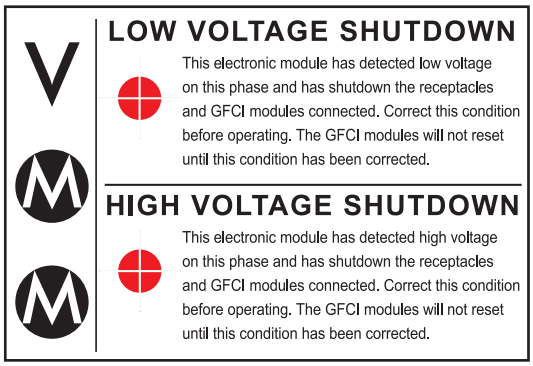
Temporary Power Add On Options - IPDM and VMM

Input Power Diagnostic Module (IPDM)
Adjacent to power inlet, the IPDM unit provides visual indication of supply power status - easy to read chart for quick reference.

Advanced circuitry monitors and indicates (through LEDs) many common connection and safety issues with Temporary Power. Safety earth ground and mis-connection issues are easily corrected to ensure compliance to electrical codes.



Exclusive Voltage Monitor Modules (VMM)
Continuously monitors voltage - if supply voltage falls outside of safe operating range VMM disconnects power to GFCIs/ outlets.



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