

## Power and Light Cord Reel – 5000 Series

### Manufacturer

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### About Us

Since 1918, Ericson has been an industry leader in electrical safety products. Our commitment to delivering safe and innovative products, which is demonstrated by UL, ETL, CSA, QPS listings and NEC/CEC and OSHA Code compliance, is incorporated into every design. ISO 9001 certification, 24/7 emergency customer support, and professional application engineering support ensures that our customers receive the highest quality products and customer experience possible. Based in Willoughby, Ohio, Ericson delivers unsurpassed service and solutions to industrial and commercial customers.

### Product Description

The 5000 Series Power and Light Cord Reel delivers exceptional performance and flexibility utilizing a rugged platform capable of surviving the most demanding jobsite environments. Flexible configuration alternatives include models with exceptional current carrying capacity (25A), high conductor count (up to 12) and operational length (60') to match specific application requirements.

A heavy duty powder-coated steel stand, cable guide, and drive enclosure are combined with the steel pawl and ratchet assembly to deliver years of worry free operation. The 600 V, 35 A slip ring assembly provides a dependable electrical connection to power tools and work lights, while the adjustable ball stop assembly allows simple field tuning.

Ericson's solutions are designed to meet the latest NEC and NRTL safety standards, and undergo extensive quality checks and testing.

### Types

3, 4, 6, 8, 10 and 12 conductor models are available in a variety of lengths (20' – 60'), wire gauges (10, 12, 14 and 16 AWG). Secondary options include receptacle enclosures and handlamp; please contact the factory for details. Grounding and welding versions are also available.

### Materials and Finishes

All 5000 Series Cord Reels are constructed using a heavy duty formed steel stand, steel cable guide, and steel pawl and ratchet assembly. Steel components are powder-coated safety yellow.



### Color

Safety yellow

### Benefits

- NEMA 4X Slip Ring Enclosure
- Rugged, Compact Footprint
- Low-friction, 4-Roller Cable Guide
- Heavy Duty Steel Pawl and Ratchet
- Automatic Locking Ratchet
- Adjustable / Removable Steel Cable Guide
- Heavy Duty Formed Steel Stand
- 600V, 35A Slip Ring
- Adjustable Ball Stop
- 3 to 12 Conductors
- 20' to 60' Cable Lengths

### Options

All three-conductor models can be configured with a number of different secondary alternatives including duplex receptacles, GFCI receptacles, Perma-Link and Perma-Grip receptacles, and LED handlamps. Swivel base for 360° operation is also available.

### Dimensions

15"H X 12.8"W

### Technical Data

#### Applicable Standards

Nationally Recognized Testing Laboratories (NRTL): Intertek (ETL), Underwriters Laboratories (UL), Canadian Standards Association (CSA), QPS Evaluation Services (QPS); National Electric Code (NEC), Canadian Electric Code (CEC), International Standards Organization (ISO): 9001:2015, National Electrical Manufacturers Association (NEMA).

### Approvals, Certifications

## Technical Properties

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

## Installation

### Methods

Use Ericson recommended secondary devices to ensure proper, safe operation. All secondary devices and assembly should comply with NEC Standards.

### Precautions

The 5000 Series Cord Reel must be connected to the proper power source, and wired according to local standards by a qualified electrician.

A correct and matching plug must be used and connected by a qualified electrician when applicable.

The safety earth ground must be connected and cannot be a combination of neutral and ground wire.

### Availability and Cost

The 5000 Series Cord Reel is available in the United States and Canada through electrical distribution partners.

### Maintenance

No special maintenance is required.

### Technical Services

Technical assistance, including detailed information, product literature, assistance in configuring temporary power and lighting systems or installation advice is available by contacting Ericson Manufacturing Company.

### Filing Systems: UL, CSA