

# Perma-Tite® Gray Industrial Grade Watertight

PORTABLE POWER



## ADDITIONAL FEATURES:

All Versions Available in Black  
Additional Colors Available



## FEATURES:

- UL & CSA Approvals
- NEMA 4, 4X, 6, 6P and IP69K
- Exclusive 8 point tongue & groove sealing system
- External husk molded from TPV for high resistance chemicals, moisture, and petroleum absorption
- Husk grooves for secure non-slipping gloved grip
- Color-coded sealing bushings are designed with various sizes to ensure secure dust and water-tight seal
- Nickel-plated device blades and contacts offer superior corrosion resistance and service life
- Nonmetallic cord grip nut and grommet system offer a wide range of cable sizes under one catalog number 82005
- Removable & replaceable self-retained cap standard for female connector and optional for plug

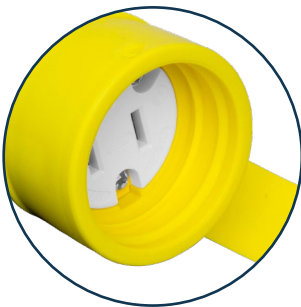


15-30 AMP Locking  
Configurations



Industry Exclusive  
1/2" NPT Cord Grip Kit

## UNIQUE FEATURES:



8 point tongue & groove  
sealing system with  
non-slip finger grips



TPV husk is highly  
resistant to moisture

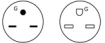
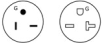
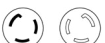
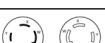


Corrosion resistant  
blades, contacts and  
assembly screws



Optional male closure cap  
for 15 & 20A straight and  
15A locking plugs available

# NEMA CONFIGURATION SELECTION CHART

|                 | Face View                                                                           | NEMA Configuration    | Amperage | Voltage                | Ericson PermaTite Gray Plug* | Ericson PermaTite Plug* | Ericson PermaTite Gray Connector Catalog #* | Ericson PermaTite Connector |
|-----------------|-------------------------------------------------------------------------------------|-----------------------|----------|------------------------|------------------------------|-------------------------|---------------------------------------------|-----------------------------|
| 2-Pole / 3-Wire |    | NEMA 5-15             | 15A      | 125V                   | 14W47                        | 1510-PW6P               | 15W47                                       | 1610-CW6P                   |
|                 |    | NEMA 5-20             | 20A      | 125V                   | 14W33                        | 1512-PW6P               | 15W33                                       | 1612-CW6P                   |
|                 |    | NEMA L5-15            | 15A      | 125V                   | 24W47                        | 1520-PW6P               | 25W47                                       | 1620-CW6P                   |
|                 |    | NEMA L5-20            | 20A      | 125V                   | 26W47                        | 2310-PW6P               | 27W47                                       | 2410-CW6P                   |
|                 |    | NEMA L5-30            | 30A      | 125V                   | 28W47                        | 2510-PW6P               | 29W47                                       | 2610-CW6P                   |
|                 |    | NEMA 6-15             | 15A      | 250V                   | 14W49                        | 1514-PW6P               | 15W49                                       | 1614-CW6P                   |
|                 |    | NEMA 6-20             | 20A      | 250V                   | 14W48                        | 1516-PW6P               | 15W48                                       | 1616-CW6P                   |
|                 |    | NEMA L6-15            | 15A      | 250V                   | 24W49                        | 1522-PW6P               | 25W49                                       | 1622-CW6P                   |
|                 |    | NEMA L6-20            | 20A      | 250V                   | 26W48                        | 2312-PW6P               | 27W48                                       | 2412-CW6P                   |
|                 |    | NEMA L6-30            | 30A      | 250V                   | 26W74                        | 2512-PW6P               | 27W74                                       | 2612-CW6P                   |
|                 |    | NEMA L7-15            | 15A      | 277V                   | 24W34                        | 1524-PW6P               | 25W34                                       | 1624-CW6P                   |
|                 |    | NEMA L7-20            | 20A      | 277V                   | 26W49                        | 2314-PW6P               | 27W49                                       | 2414-CW6P                   |
|                 |  | NEMA L7-30            | 30A      | 277V                   | 28W49                        | 2514-PW6P               | 29W49                                       | 2614-CW6P                   |
|                 |  | Non-NEMA <sup>1</sup> | 20A      | 125 / 250V             | 26W08                        | 2316-PW6P               | 27W08                                       | 2416-CW6P                   |
| 3-pole 3-wire   |  | Non-NEMA <sup>1</sup> | 20/10A   | 250 / 600V             | 26W10                        | 2317-PW6P               | 27W10                                       | 2417-CW6P                   |
|                 |  | Non-NEMA <sup>1</sup> | 15/10A   | 125 / 250V             | 14W07                        | 1507-PW6P               | 15W07                                       | 1607-CW6P                   |
|                 |  | Non-NEMA <sup>1</sup> | 15/10A   | 125 / 250V             | 14W07                        | 1507-PW6P               | 15W07                                       | 1607-CW6P                   |
| 3-pole / 4-wire |  | NEMA L14-20           | 20A      | 125 / 250V             | 26W74                        | 2320-PW6P               | 27W74                                       | 2420-CW6P                   |
|                 |  | NEMA L14-30           | 30A      | 125 / 250V             | 28W74                        | 2520-PW6P               | 29W74                                       | 2620-CW6P                   |
|                 |  | NEMA L15-20           | 20A      | 250V / 3-phase         | 26W75                        | 2322-PW6P               | 27W75                                       | 2422-CW6P                   |
|                 |  | NEMA L15-30           | 30A      | 250V / 3-phase         | 28W75                        | 2522-PW6P               | 29W75                                       | 2622-CW6P                   |
|                 |  | NEMA L16-20           | 20A      | 480V / 3-phase         | 26W76                        | 2324-PW6P               | 27W76                                       | 2424-CW6P                   |
|                 |  | NEMA L16-30           | 30A      | 480V / 3-phase         | 28W76                        | 2524-PW6P               | 29W76                                       | 2624-CW6P                   |
|                 |  | NEMA L17-30           | 30A      | 600V / 3-phase         | 28W77                        | 2526-PW6P               | 29W77                                       | 2626-CW6P                   |
|                 |  | Non-NEMA <sup>1</sup> | 20A      | 120 / 208V             | 26W09                        | 2326-PW6P               | 27W09                                       | 2426-CW6P                   |
| 3-pole 3-wire   |  | Non-NEMA <sup>1</sup> | 30A      | 125 / 250V             | 28W08                        | 2516-PW6P               | 29W08                                       | 2616-CW6P                   |
| 4-pole 4-wire   |  | NEMA L18-30           | 30A      | 120 / 208V 3-phase wye | 28W78                        | 2530-PW6P               | 29W78                                       | 2630-CW6P                   |
|                 |  | Non-NEMA <sup>1</sup> | 30A      | 120 / 208V 3-phase wye | 28W09                        | 2528-PW6P               | 29W09                                       | 2628-CW6P                   |
| 4-pole 5-wire   |  | NEMA L21-20           | 20A      | 120 / 208V 3-phase wye | 26W81                        | 2328-PW6P               | 27W81                                       | 2428-CW6P                   |

<sup>1</sup>All non-NEMA configurations are non-grounding

\*Available in black by adding BK to catalog number

# REPLACEMENT CONNECTOR COVERS & PLUG COVER



**16CW** Fits 15 & 20-Amp Straight Blade & 15-Amp Locking Connectors  
**24CW** Fits 20 & 30-Amp, 2 Pole, 3 Wire Connectors  
**26CW** Fits 20 & 30-Amp, 3 Pole, 4 Wire & 4 Pole, 5 Wire Connectors



**15PW** Fits 15 & 20-Amp Straight Blade & 15-Amp Locking Plugs

### FEATURES:

- Use with Ericson’s Perma-Tite® plugs and connectors to seal out water, dust and other contaminants and protect blades from damage
- Eight-point rubber tongue and groove sealing system provides environmental protection
- Silicone cord grip nut covers are designed to channel liquids away from the cord and device

| Part Number     | Description                                                                                                       |
|-----------------|-------------------------------------------------------------------------------------------------------------------|
| 15PW            | Male closure cap, for use with 15A Straight Blade & Locking devices and 20A Straight Blade devices                |
| 16CW            | Female closure cap, for use with 15A Straight Blade & Locking devices and 20A Straight Blade devices              |
| 24CW            | Female closure cap, for use with 20 & 30-Amp, 2 Pole, 3 Wire Connectors                                           |
| 26CW            | Female closure cap, for use with 20 & 30-Amp, 3 Pole, 4 Wire & 4 Pole, 5 Wire Connectors                          |
| SIL-BOOT-LG5-BL | Blue silicone cord grip nut cover used for 20 & 30-Amp locking devices. Bag of 5                                  |
| SIL-BOOT-SM5-BL | Blue silicone cord grip nut cover used for 15-Amp straight & locking devices, and 20-Amp straight blade. Bag of 5 |



**SIL-BOOT-SM5 & LG5**  
Blue



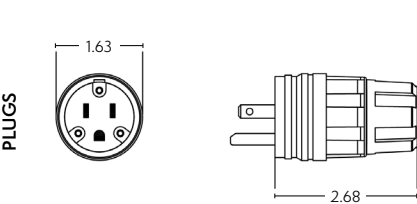
**-SM5**



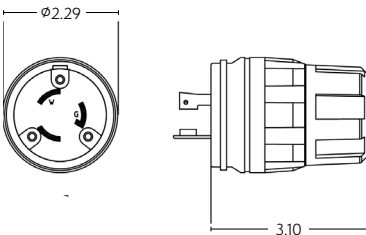
**-LG5**

## PRODUCT DIMENSIONS

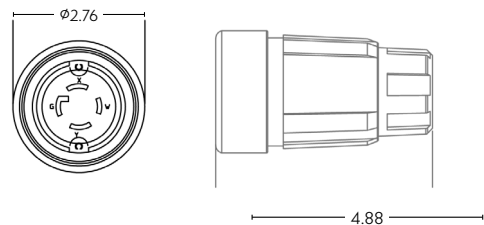
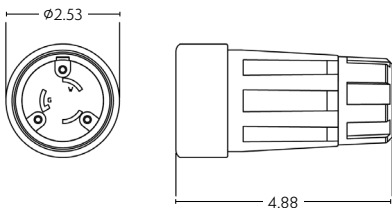
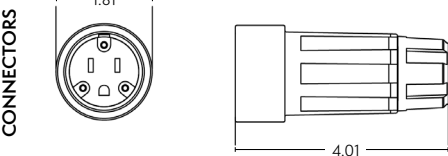
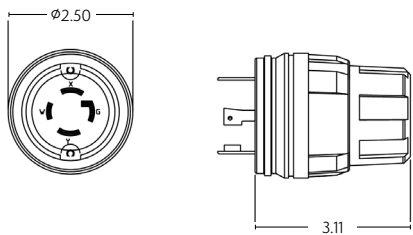
**10/15/20-Amp Straight,  
15-Amp Locking**



**20/30-Amp Locking, 2p, 3w**



**20/30-Amp Locking  
4 & 5p, 4 & 5w**



# ERICSON WATERTIGHT GROMMET GUIDE

|                               |                                                                                   | B10200XX**               |                          |                     |                    |                  |                   | B10220XX**         |                     |                    |                   |                   |                  |                     |        | WIRE |   |   |
|-------------------------------|-----------------------------------------------------------------------------------|--------------------------|--------------------------|---------------------|--------------------|------------------|-------------------|--------------------|---------------------|--------------------|-------------------|-------------------|------------------|---------------------|--------|------|---|---|
|                               |                                                                                   | Small White<br>OVAL #24  | Small Orange<br>OVAL #25 | Small Yellow<br>#21 | Small White<br>#20 | Small Red<br>#16 | Small Blue<br>#18 | Large White<br>#91 | Large Yellow<br>#90 | Large Black<br>#89 | Large Blue<br>#88 | Large Gray<br>#87 | Large Red<br>#86 | Large Orange<br>#85 |        |      |   |   |
| MAX<br>CORD<br>DIA.<br>(inch) |  | OVAL (UF)<br>.160 x .360 | OVAL (UF)<br>.230 x .440 |                     |                    |                  |                   |                    |                     |                    |                   |                   |                  |                     |        |      |   |   |
|                               |                                                                                   | Plug                     | Connector                |                     | Yellow             | White*           | Red               | Blue               | White*              | Yellow             | Black             | Blue              | Gray             | Red                 | Orange | 3    | 4 | 5 |
| 1510                          | 1610                                                                              | ✓ Optional**             | ✓ Optional**             | ✓                   | ✓                  | ✓                | ✓                 |                    |                     |                    |                   |                   |                  |                     | ×      |      |   |   |
| 1512                          | 1612                                                                              |                          |                          | ✓                   | ✓                  | ✓                | ✓                 | ✓                  |                     |                    |                   |                   |                  |                     |        | ×    |   |   |
| 1514                          | 1614                                                                              |                          |                          | ✓                   | ✓                  | ✓                | ✓                 | ✓                  |                     |                    |                   |                   |                  |                     |        | ×    |   |   |
| 1516                          | 1616                                                                              |                          |                          | ✓                   | ✓                  | ✓                | ✓                 | ✓                  | ✓                   |                    |                   |                   |                  |                     |        | ×    |   |   |
| 1520                          | 1620                                                                              |                          |                          | ✓                   | ✓                  | ✓                | ✓                 | ✓                  | ✓                   |                    |                   |                   |                  |                     |        | ×    |   |   |
| 1522                          | 1622                                                                              |                          |                          | ✓                   | ✓                  | ✓                | ✓                 | ✓                  | ✓                   |                    |                   |                   |                  |                     |        | ×    |   |   |
| 1524                          | 1624                                                                              |                          |                          | ✓                   | ✓                  | ✓                | ✓                 | ✓                  | ✓                   |                    |                   |                   |                  |                     |        | ×    |   |   |
| 2310                          | 2410                                                                              |                          |                          |                     |                    |                  |                   | ✓                  | ✓                   | ✓                  | ✓                 |                   |                  |                     | ×      |      |   |   |
| 2312                          | 2412                                                                              |                          |                          |                     |                    |                  |                   | ✓                  | ✓                   | ✓                  | ✓                 |                   |                  |                     | ×      |      |   |   |
| 2314                          | 2414                                                                              |                          |                          |                     |                    |                  |                   | ✓                  | ✓                   | ✓                  | ✓                 |                   |                  |                     | ×      |      |   |   |
| 2316                          | 2416                                                                              |                          |                          |                     |                    |                  |                   | ✓                  | ✓                   | ✓                  | ✓                 |                   |                  |                     | ×      |      |   |   |
| 2317                          | 2417                                                                              |                          |                          |                     |                    |                  |                   | ✓                  | ✓                   | ✓                  | ✓                 |                   |                  |                     | ×      |      |   |   |
| 2320                          | 2420                                                                              |                          |                          |                     |                    |                  |                   |                    | ✓                   | ✓                  | ✓                 | ✓                 |                  |                     |        | ×    |   |   |
| 2322                          | 2422                                                                              |                          |                          |                     |                    |                  |                   |                    | ✓                   | ✓                  | ✓                 | ✓                 |                  |                     |        | ×    |   |   |
| 2324                          | 2424                                                                              |                          |                          |                     |                    |                  |                   |                    | ✓                   | ✓                  | ✓                 | ✓                 |                  |                     |        | ×    |   |   |
| 2510                          | 2610                                                                              |                          |                          |                     |                    |                  |                   | ✓                  | ✓                   | ✓                  | ✓                 |                   |                  |                     | ×      |      |   |   |
| 2512                          | 2612                                                                              |                          |                          |                     |                    |                  |                   | ✓                  | ✓                   | ✓                  | ✓                 |                   |                  |                     | ×      |      |   |   |
| 2514                          | 2614                                                                              |                          |                          |                     |                    |                  |                   | ✓                  | ✓                   | ✓                  | ✓                 |                   |                  |                     | ×      |      |   |   |
| 2516                          | 2616                                                                              |                          |                          |                     |                    |                  |                   | ✓                  | ✓                   | ✓                  | ✓                 |                   |                  |                     | ×      |      |   |   |
| 2520                          | 2620                                                                              |                          |                          |                     |                    |                  |                   |                    |                     |                    | ✓                 | ✓                 | ✓                | ✓                   |        | ×    |   |   |
| 2522                          | 2622                                                                              |                          |                          |                     |                    |                  |                   |                    |                     |                    | ✓                 | ✓                 | ✓                | ✓                   |        | ×    |   |   |
| 2524                          | 2624                                                                              |                          |                          |                     |                    |                  |                   |                    |                     |                    | ✓                 | ✓                 | ✓                | ✓                   |        | ×    |   |   |
| 2526                          | 2626                                                                              |                          |                          |                     |                    |                  |                   |                    |                     |                    | ✓                 | ✓                 | ✓                | ✓                   |        | ×    |   |   |
| 2528                          | 2628                                                                              |                          |                          |                     |                    |                  |                   |                    |                     |                    | ✓                 | ✓                 | ✓                | ✓                   |        | ×    |   |   |
| 2530                          | 2630                                                                              |                          |                          |                     |                    |                  |                   |                    |                     |                    | ✓                 | ✓                 | ✓                | ✓                   |        | ×    |   |   |
| 2328                          | 2428                                                                              |                          |                          |                     |                    |                  |                   |                    | ✓                   |                    | ✓                 | ✓                 | ✓                |                     |        |      | × |   |

✓ = included in package

Note: To build a grommet catalog number replace the "XX" with grommet number desired, e.g. B1020021

\*May also appear as light tan

\*\*May be ordered separately - Call for details

| B10200XX☆☆                                                                         |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| #24                                                                                | #25                                                                                 | #21                                                                                 | #20                                                                                 | #16                                                                                 | #18                                                                                 |
|  |  |  |  |  |  |
| B10220XX☆☆                                                                         |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| #91                                                                                | #90                                                                                 | #89                                                                                 | #88                                                                                 | #87                                                                                 |                                                                                     |
|  |  |  |  |  |                                                                                     |
| #86                                                                                | #85                                                                                 |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|  |  |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| 1/2" NPT Nonmetallic Cord Grip Kit                                                 |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| Part Number                                                                        | Cable Range                                                                         |                                                                                     |  |                                                                                     |                                                                                     |
| 82005                                                                              | .37-.61                                                                             |                                                                                     |                                                                                     |                                                                                     |                                                                                     |

| Type                                       | AWG Size | 2 Conductors | 3 Conductors | 4 Conductors |
|--------------------------------------------|----------|--------------|--------------|--------------|
| SJ, SJE, SJOO, SJO, SJE0, 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  |

## RELATED PRODUCTS

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**ericson.com**



Perma-Link  
1510-P, 1610-C



Perma-Grip  
1510-PG, 1610-CG



FS Series Straight  
and Locking Covers



PWDX Series Straight  
and Locking Receptacles



SmartMonitor  
AEGCP Compliant  
1510-PML/GML, 1610-CML/GML



SmartMonitor  
AEGCP Compliant  
1510-PW6PL, 1610-CW6PL



Perma-Kleen Antimicrobial  
IP69k Water Tight  
1510 PW6P-AM, 1610 CW6P-AM



6200 Series  
Boxes

## FACTORY & CUSTOM ASSEMBLED CORDSETS



Perma-Link Cordset



Perma-Tite Cordset



Perma-Kleen Cordset



SmartMonitor Cordset