

# Ericson Wiring Device Selection Chart

Face View	NEMA Configuration	Electrical Ratings			Base Model		Cross Reference	
		Amps	Volts	UL/CSA Listing <sup>4</sup>	Plug <sup>1,2</sup>	Connector <sup>1,2</sup>	Basic <sup>3</sup>	
					1510-P	1610-C	Plug	Connector
<b>2-pole, 3-Wire Grounding</b>								
	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
<b>3-Pole, 3-Wire Non-Grounding</b>								
	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
<b>3-Pole, 4-Wire Grounding<sup>5</sup></b>								
	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
<b>2-Pole, 3-Wire Grounding</b>								
	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
<b>3-Pole, 3-Wire Non-Grounding<sup>5</sup></b>								
	Non-NEMA	30	125/250	AC/DC	2516-P	2616-C	2808	2908
<b>3-Pole, 4-Wire Grounding<sup>5</sup></b>								
	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
<b>4-Pole, 4-Wire<sup>5</sup></b>								
	L18-30	30	120/208 3Ø wye	AC	2530-P	2630-C	2878	2978
<b>4-Pole, 4-Wire Non-Grounding<sup>5</sup></b>								
	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





**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**

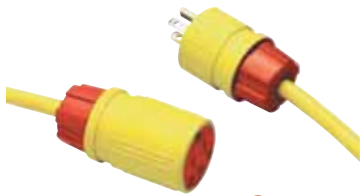


**PERMA-TITE® 2**

**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        | • Seafood Processing  | • Meat Processing  |
| • Pharmaceutical Processing | • Food Packaging      | • Food Preparation |
| • Agriculture               | • Beverage Processing | • Health Care      |



# PERMA-TITE® 2



15PW with 1510-PW6P Plug

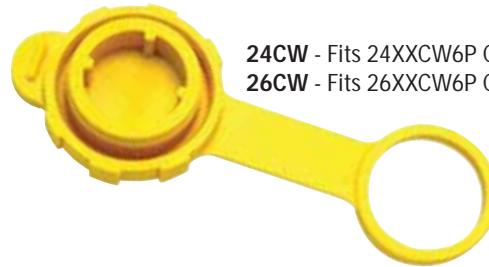


## FEATURES:

- 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.



FOR THE LATEST FULL SEARCHABLE LISTING BY PART NUMBER, GO TO: [WWW.ERICSON.COM/AGENCY](http://WWW.ERICSON.COM/AGENCY)  
Note: Products shown on this page may not be 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

**Safety Compression Cord Grip**

Non-conductive, long life rugged PBT, powerful cord grip, unique design accepts all AWG wire range sizes from #18 through #12 with no crushing and no inserts to change or add

**PERMA-GRIP™**

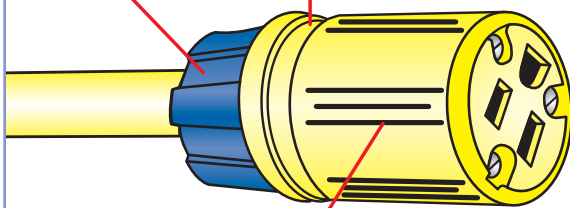
**High-Visibility Safety Colors**  
Added safety in dull work areas With Brilliant Blue and Radiant Yellow colors.

**Transparent Back Plate**

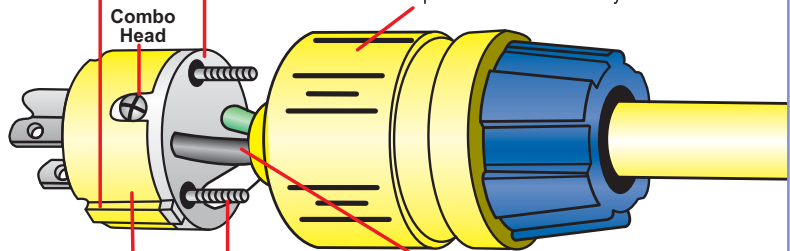
Clear polycarbonate permits visual wiring inspection without disassembly

**Keyed PBT Body**  
Adds to quick alignment and assembly.

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



Non-Slip Finger Grips



Blades nickel plated to prevent corrosion

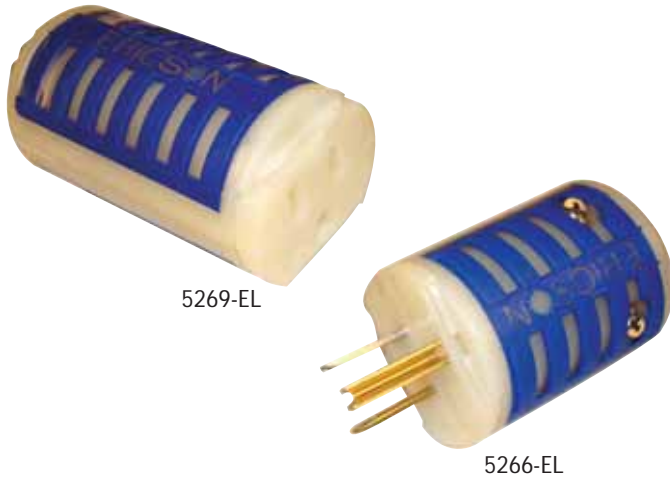
**Captive Assembly Screws**  
Double lead screws provide rigid assembly, no bulging of cover, maximum pull out resistance, fast assembly.

**Individual Wire Chambers**  
Accepts up to #12 AWG conductors and prevents flash overs and short circuits.

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

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





### 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
<b>Straight Blade, 2-pole, 3-wire Grounding Devices</b>					
	5-15	15	125	5266-EL	5269-EL

### Notes:

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

