

# PERMAITITE® 2

## **Features • Advantages • Benefits Bulletin**

# safety electrical specialties

body in plug and connector.

#### **FULL LENGTH THREAD**

Insures proper engagement/sealing

**EXTRA BUSHINGS** Color coded rubber cord sealer bushings supplied for diameter ranges .300-910.

#### **UNIQUE WATER/DUST WIPER**

## Seals out moisture, mud and particles.

**PBT BODY** Rugged thermoplastic polyester



We set industry standards with this design with no exposed current carrying parts.

### **FINGER GRIPS**

Non-slip finger grips aid in assembly



# **NEMA TYPE** 4,4X,6,6P & IP67

- 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

#### **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



Current carrying blades and contacts of high conductivity copper alloy with nickel plating for corrosion resistance.

#### **DOUBLE INSULATED**

Superior thermoplastic polyester 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 all AWG wire range sizes from #18 through #8 with no crushing and no inserts to change or add.

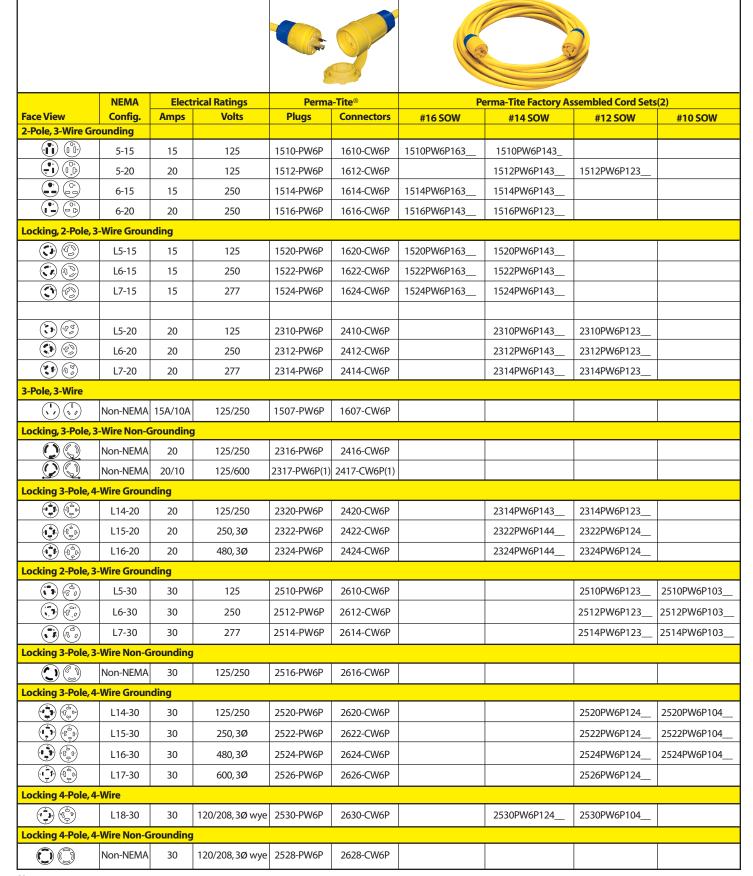




Feature	Advantage	Benefit
15A, 20A and 30Amp plugs, connectors and cord sets	Full-range of most popular products	Quick turn-around on orders
UL Listed & CSA Certified	Assurance of quality by independent testing agency	Safety, Performance, Reduced Downtime
Rated NEMA Type 4, 4X, 6, 6P & IP67	Water tight in food processing and other demanding environments	Safety, Performance, Reduced Downtime
Able to withstand 1,000 psi washdown	Water tight in hose down applications	Safety, Performance, Reduced Downtime
Stainless steel body screws	Corrosion resistant	Long-life compared to steel screws
Safety yellow and brilliant blue dual-color safety system	Quick visual identification of device	Quick visual identification of water tight device
Thermoplastic rubber husk housing	Resists grease, oils, solvents, water, mold, acids. UV stable and abrasion resistant	Dimensional stability and will not deteriorate like Neotex rubber
Nickel plated contacts	Corrosion resistant, low stress concentration	Durability, reduced likelihood of hot spots caused by stress concentrations due to complex bends in material
Compression Cord Grip Strain Relief: Longer grommet and extended threaded bushing	Exceeds UL requirements for strain relief while providing water tight seal	Ensure long-term strain relief and water tight seal at cord entry
Tongue & Groove sealing system	Complex path formed by mating surfaces with large surface area	Ensure long-term water tight seal at plug-connector interface
Double tongue & groove overmold	Added level of water tight protection	Watertight seal between bushing insert and husk housing



#### PERMANTITE® 2 Devices Selection Guide



#### Notes:

- 1. For replacement use only. Not recommended for new installations
- 2. Insert "A" for 25 ft. cord set, "B" for 50 ft. cord set or "D" for 100 ft. cord set



