

FULL LENGTH THREAD

Insures proper engagement/sealing

PBT BODY

Rugged thermoplastic polyester body in plug and connector.

UNIQUE WATER/DUST WIPER

Seals out moisture, mud and particles.

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



LISTED CERTIFIED

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

CORROSION RESISTANT NICKEL PLATED

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.

EIGHT POINT SEALING

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

NEW!

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

PERMA-TITE® 2 Devices Selection Guide



Face View	NEMA Config.	Electrical Ratings		Perma-Tite®		Perma-Tite Factory Assembled Cord Sets(2)			
		Amps	Volts	Plugs	Connectors	#16 SOW	#14 SOW	#12 SOW	#10 SOW
2-Pole, 3-Wire Grounding									
	5-15	15	125	1510-PW6P	1610-CW6P	1510PW6P163__	1510PW6P143__		
	5-20	20	125	1512-PW6P	1612-CW6P		1512PW6P143__	1512PW6P123__	
	6-15	15	250	1514-PW6P	1614-CW6P	1514PW6P163__	1514PW6P143__		
	6-20	20	250	1516-PW6P	1616-CW6P	1516PW6P143__	1516PW6P123__		
Locking, 2-Pole, 3-Wire Grounding									
	L5-15	15	125	1520-PW6P	1620-CW6P	1520PW6P163__	1520PW6P143__		
	L6-15	15	250	1522-PW6P	1622-CW6P	1522PW6P163__	1522PW6P143__		
	L7-15	15	277	1524-PW6P	1624-CW6P	1524PW6P163__	1524PW6P143__		
	L5-20	20	125	2310-PW6P	2410-CW6P		2310PW6P143__	2310PW6P123__	
	L6-20	20	250	2312-PW6P	2412-CW6P		2312PW6P143__	2312PW6P123__	
	L7-20	20	277	2314-PW6P	2414-CW6P		2314PW6P143__	2314PW6P123__	
3-Pole, 3-Wire									
	Non-NEMA	15A/10A	125/250	1507-PW6P	1607-CW6P				
Locking, 3-Pole, 3-Wire Non-Grounding									
	Non-NEMA	20	125/250	2316-PW6P	2416-CW6P				
	Non-NEMA	20/10	125/600	2317-PW6P(1)	2417-CW6P(1)				
Locking 3-Pole, 4-Wire Grounding									
	L14-20	20	125/250	2320-PW6P	2420-CW6P		2314PW6P143__	2314PW6P123__	
	L15-20	20	250, 3Ø	2322-PW6P	2422-CW6P		2322PW6P144__	2322PW6P124__	
	L16-20	20	480, 3Ø	2324-PW6P	2424-CW6P		2324PW6P144__	2324PW6P124__	
Locking 2-Pole, 3-Wire Grounding									
	L5-30	30	125	2510-PW6P	2610-CW6P			2510PW6P123__	2510PW6P103__
	L6-30	30	250	2512-PW6P	2612-CW6P			2512PW6P123__	2512PW6P103__
	L7-30	30	277	2514-PW6P	2614-CW6P			2514PW6P123__	2514PW6P103__
Locking 3-Pole, 3-Wire Non-Grounding									
	Non-NEMA	30	125/250	2516-PW6P	2616-CW6P				
Locking 3-Pole, 4-Wire Grounding									
	L14-30	30	125/250	2520-PW6P	2620-CW6P			2520PW6P124__	2520PW6P104__
	L15-30	30	250, 3Ø	2522-PW6P	2622-CW6P			2522PW6P124__	2522PW6P104__
	L16-30	30	480, 3Ø	2524-PW6P	2624-CW6P			2524PW6P124__	2524PW6P104__
	L17-30	30	600, 3Ø	2526-PW6P	2626-CW6P			2526PW6P124__	
Locking 4-Pole, 4-Wire									
	L18-30	30	120/208, 3Ø wye	2530-PW6P	2630-CW6P		2530PW6P124__	2530PW6P104__	
Locking 4-Pole, 4-Wire Non-Grounding									
	Non-NEMA	30	120/208, 3Ø wye	2528-PW6P	2628-CW6P				

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

