Quick Connectors for Power
Quick Guide by Dotworkz, Inc.
CU-QCP-1

Cable Specification Requirements for Field Installable Plug
Range for Round Cable Diameter: 0.39 - 0.54" (10 - 13.5 mm)
SJ00T or Equivalent Recommended for Outdoor Use
Contacts UL/ CSA Rated to 9 amps, up to 600 V, 105 C

Figure 1
1) Note: Position of polarity Key in figure 1, positioned below
Bottom pin for all of following views. This is nearest to ground pin.

1)	Plug Head w/ conductor screw terminal clamps
2)	Coupling Shell
3)	O-Ring Seal
4)	Compression Bushing
5)	Compression Nut

Figure 2
Disassemble Field Installable Plug

Figure 3
2) Feed Parts Over Round Weather-Rated Cable as Shown

3) **Cable Stripping Guidelines**
Outer Sheath: approx. 1 ¼"
Conductors: approx. 1/3"
Max conductor diameter: 16 gage
or use larger Stranded Conductors *trimmed to 16 gage* or thinner.

4) From Rear View of Plug Head at wire clamp holes, as shown in figure 4
Loosen 3 screw clamps with flat blade size (-1) screw driver, to allow conductors to enter. Top 2 screws for wire clamps are shown in figure 5

5) Insert and securely tighten each screw terminal onto each of three stripped conductors as shown in figure 5
Lowest hole is Safety Ground Wire (green) Nearest to Polarity Key
Left Upper: Neutral (white)
Right Upper: Hot / Line (black)

Figure 4

Figure 5

Figure 6

Figure 7

Figure 8

Figure 9

6) Holding head in place, screw Coupling Shell to Plug Head Securely.
7) Nest Compression Bushing over O-Ring Seal, then push and seat assembly into rear of Coupling Shell.
8) Screw on Compression Nut to Coupling Shell and secure firmly with wrench for good seal. Do not over-tighten.
Plug is now ready for Mating with compatible Pre-Installed Panel Mount Outlet.

Dotworkz Installation Guide for Panel Mount Quick Connector

Wiring Color Code

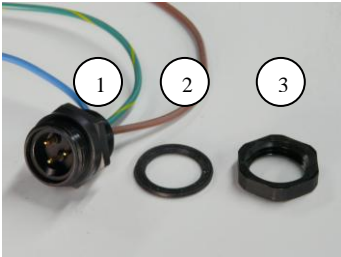| Panel Mt Wire		Conductor ID		Typ. US Color Code
Green/ yellow	=	Ground	=	Green
Brown	=	Line / Hot	=	Black
Blue	=	Neutral	=	White

Figure 1

Parts of Panel Mount Quick Connector

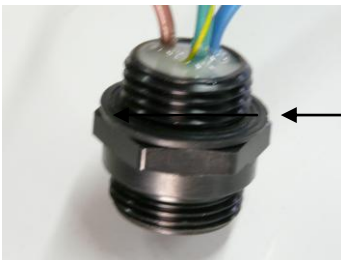1) Panel Mount Quick Connector
2) O-Ring Seal
3) Panel Nut

Figure 2

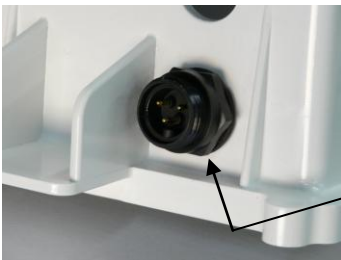1) Install O-Ring Seal over rear threads Panel Mount (Wire Side) as shown

Figure 3

2) Install Panel Mount as shown from outside of enclosure, with washer on this side, & Polarity Key positioned at bottom

Figure 4

3) Install Panel Nut from Rear of Quick Connector, on inside of Enclosure

Figure 5

4) Firmly but carefully Tighten Nut. Do not over tighten +/- 1/4 turn beyond finger tight, to avoid stripping threads on nut.