

Power Transition Terminal



Features & Benefits

- Developed for wireless DC power cable transitions
- DIN rail mounted terminals
- Includes industrial grade negative, positive, and ground terminals
- 20 to 6 AWG compatible
- Multiple output options
 - 1 to 1, 1 to 2, and 1 to 3 configurations
- IP 67 rugged enclosure for all environments
- Minimal cable manipulation required
- Rugged stainless mounting brackets included for panel, pole, and vault mounting



Overview

PPC's Power Transition Terminal is designed for wireless and other DC powered equipment applications. The ruggedized IP67 enclosure is designed to perform in the harshest environments. The Power Transition Terminal is the ideal choice for installations that require re-distribution of large gauge power wire to smaller gauge power wires.

Technical Data

Specification	Value
Enclosure Dimensions	(WxHxD) 6.76 in x 6.23 in x 3.57 in (171.7 mm x 158.2 mm x 90.7 mm)
Enclosure (with brackets) Dimensions	(WxHxD) 6.76 in x 9.36 in x 3.88 in (171.7 mm x 237.7 mm x 98.6 mm)
Weight	2.0 lbs (0.9 kg)
Materials	UL94 5VA glass-reinforced polycarbonate enclosure, stainless steel latches & brackets
Operating Temperature	-40 °F to 194 °F (-40 °C to 90 °C)
Safety	Enclosure and components individually UL Listed
Ingress Protection	NEMA 4X, IP67, continuous gasket for a watertight seal
Power Entry Cable	Single, Ø .435 in to .705 in (11.0 mm to 17.9 mm)
Power Exit Cable	One, Two, or Three, Ø .170 in to .450 in (4.3 mm to 11.4 mm)
Ground Cable Exit	Single, Ø .105 in to .315 in (2.7 mm to 8.0 mm)
Terminal Block Conductors	20 to 6 AWG (0.5 mm ² to 16 mm ²) solid or stranded, bare or tinned copper; high-strand-count flexible wire may require a ferrule; aluminum wire must be solid
Rated Voltage	690 V
Maximum Current	Terminal Block: 69 A Bridge (for 1:2 & 1:3 configurations): 57 A

Ordering Information

PPC Part Number	Configuration	Description
PA01A0A0A0J01-61	1:1	Power Transition Terminal, 1 Power Entry, 1 Power Exit, 1 Ground Exit
PA02A0A0A1J01-61	1:2	Power Transition Terminal, 1 Power Entry, 2 Power Exits, 1 Ground Exit
PA03A0A0A2J01-61	1:3	Power Transition Terminal, 1 Power Entry, 3 Power Exits, 1 Ground Exit

These products may be protected by one or more patents • For further information, please visit: www.ppc-online.com/patents