Advantage Series

PowerWorx® Fuse Panels

> TPS, TPC fuse panels or bullet breaker panels used in telecom, CATV and datacenter environments

> 125A fuses or 100A breakers allow larger router or DSLAM equipment to be connected and powered

> Smaller equipment can be served utilizing the additional GMT positions

The PowerWorx® Advantage Series platform accepts input power up to 300 Amps per bus (600 Amps total capability), up to 125 Amps per high-current output position, and up to 15 Amps per GMT fuse position (optional). A patent-pending design, the Advantage Series platform can be configured to meet unique network powering needs. Compact, flexible PowerWorx configurations suit most network applications. Using the universal mounting brackets, the panel can be flush or recess mounted into 19-inch (483mm) and 23-inch (584mm) EIA and WECO racks. All Advantage Series panels have six positions on each side. Each position can be filled with TPC Fuses or circuit breakers (TPC up to 125 Amps per position, circuit breakers up to 100 Amps per position).

Power

Advantage Series Fuse Panels

Refer to the ordering guide for P/N configurations

MECHANICAL

Dimensions (HxWxD):..............5.25" x 17.12" x 8.89" (133 x 435 x 226mm) Dimensions do not include depth of power connectors, alarm lamps, or fuses
Weight:......................................Approximately 25lbs (without breakers or fuses)
Rack Mounting Width:.............Using the universal mounting brackets, the standard front/rear access fuse panel can be flush-or recess-mounted into 19-inch (483mm) and 23-inch (584mm) EIA and WECO racks

POWER

Breaker/Fuse Capacity
High Current Breakers/Fuses: 1 to 125 Amps
Works With: ....TPC (08) TPS fuse types
GMT Fuses: ....0.2 to 15 Amps
Panel Capacity:.........................300 Amps maximum per bus (600 Amps total, dual bus configuration)
Operating Voltage:...................-48Vdc (-42 to -56Vdc tolerance)
Power Dissipation:....................50 Watts maximum
Fail Alarm Indicators: ....Flashing red LED indicates tripped breaker or blown fuse. Green LED indicates power on. Alarm output contacts provided for audible, visual, and remote alarms.
Alarm Contact Connection: ....Screw-down barrier terminal strip
Alarm Contact Relay:...............1 Amp maximum
Grounding: ....Two-post grounding accepts range of wire up to 2 AWG (Flex) or 1 AWG (Stranded)
Input Feed Connection:...........Two-hole compression lug (stud-type) accepts range of cable up to 350 MCM (stranded)
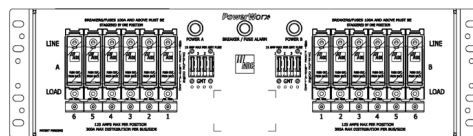**Output Feed Connection:**........Two-hole compression lug (stud-type) accepts range of wire up to 2 AWG (flex) or 1AWG (stranded)

Connector Type	Bare Cable/Lug Wire Size	Stud Size	Screw Size	Center to Center	Distance Between Barriers
Input Terminals	Up to 350 MCM (Stranded)	⅜"	⅜"-16	1"	1.3"
High Current Output Terminals	Up to 1 AWG (Stranded) 2 AWG (Flex)	¼"	¼"-20	.625" (⅝")	.72"
GMT Output Terminals	14-22 AWG	n/a	M3.5	.374"	.318"
Alarm Terminals (screw down)	16-30 AWG	n/a	3-48	.250"	.200"
Ground Terminals (two sets)	Up to 1 AWG (Stranded) 2 AWG (Flex)	¼"	¼"-20	.625" (⅝")	n/a

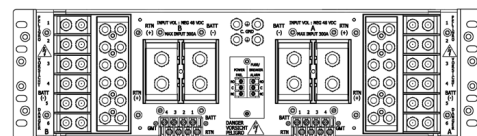## STANDARDS

Meets UL, Telcordia (Bellcore), NEC 2002, CSA, NEBS Level 3, IEC, and CE Standards

PWX-061RD6YSTSP

Front View

Rear View