

SuperPower™ GMT Series

PowerWorx® Fuse Panels



Your Power Solutions Partner

- GMT fuse panels used in telecom, CATV and datacenter environments
- Higher ampacity bus allows larger loads to be connected and powered
- Any position accepts 20A GMT fuses
- Total Front Access (TFA) panels for space constrained locations



PowerWorx SuperPower GMT Series panels accept high input power – up to 100 Amps per bus, and similarly, up to 20 Amps output power per GMT fuse position. Standard (front and rear access) and total front access panels are available. User-friendly “upside down” fuse holders and high-brilliance LEDs allow technicians to quickly identify and replace blown fuses in the field. Other features include two-post grounding, removable clear polycarbonate input/output connector covers and a selection of connector and fuse configurations. These panels operate under either positive or negative voltage conditions.

Power

SuperPower™ GMT Series Fuse Panels

Refer to the ordering guide for P/N configurations

MECHANICAL

Dimensions (HxWxD):

- Standard access 10/10 GMT fuse panel: 1.75" x 17.12" x 8" (44 x 435 x 203 mm)
- Standard access 20/20 GMT fuse panel: 1.75" x 21.25" x 4" (44 x 540 x 102 mm)
- Total front access: 10/10 GMT fuse panel 3.5" x 21.25" x 4" (89 x 540 x 102 mm)
- Dimensions do not include depth of power connectors, alarm lamps or fuses.

Weight:..... Approximately 10lbs (4.5kg)

Rack Mounting Width:

- Standard Access 19" or 23" (483 or 584mm)
- Flush or recess-mountable with universal mounting brackets. EIA/WECO or ETSI mounting options available
- Total front access: 23" (584mm) flush or recess-mountable into EIA and WECO racks

Housing Material:..... Cold-rolled 16 gauge steel. Polycarbonate protective cover provided with all panels.

Housing Finish: Putty white powder-coat

POWER

Fuse Capacity: 0.2 to 20 Amps

Panel Capacity: 100 Amps maximum per bus (200 Amps total)

Operating Voltage: ±24Vdc (-21 to -30Vdc tolerance) or ±48Vdc (42 to 56Vdc tolerance)

Power Dissipation: 100 watts maximum

Fail Alarm Indicators: Red LED indicates blown fuse. Green LED indicates power on.

Alarm Contact Connection: Wire-wrap connections. Alarm output contacts provided for audible, visual and remote alarms.

Alarm Contact Relay: 1 Amp maximum

Input Feed Connection: Two-hole compression-lug (stud-type) accepts range of wire up to 2AWG.

Panel ships with two 2-hole lugs (accepting 2AWG stranded wire) per power bus.

Output Feed Connection: Screw-down barrier terminal strip accepts range of wire up to 12AWG.

Grounding: Two-post grounding accepts range of wire up to #10AWG for single connection; two-hole compression lug (stud-type) accepts wire up to #2AWG.

Fuse Configuration	Output Connector Type	Max. Amperage Per Fuse Position	Range Of Bare Wire Accepted	Post/StudSize	Distance Between Barriers Walls
D10	Screw-Down	20 Amps	12-22 AWG	#6-32	0.325" (8.255mm)
D20	Screw-Down	10-15 Amps	16-30 AWG	#3-48	0.20" (5.08mm)

ENVIRONMENTAL

Storage Temperature: -45° to 85°C (-49 to 185°F)

Operating Temperature: -40° to 65°C (40 to 149°F)

Operating Humidity: 0% to 95%, non-condensing

Operating Altitude: Up to 13,000 feet (3.96km)

STANDARDS

Meets UL, Telcordia (Bellcore), NEC2002, CSA, 1 (NEBS Level 3, IEC, and CE)

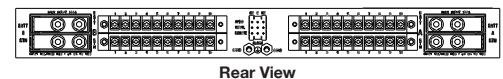
¹ Important Note: The fuse manufacturer recommends that fuses be continuously operated at no more than 80% of their nominal current rating.

Dual Power Feed 10/10 - Position

PWX-031RXCD10PWDP



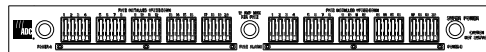
Front View



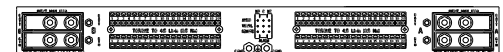
Rear View

Dual Power Feed 20/20 - Position

PWX-031RDS20PWDP



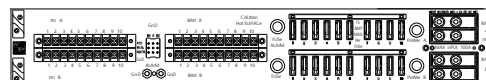
Front View



Rear View

Total-Front-Access Dual Power Feed 10/10 - Position

PWX-031FXCD10PWDP



Front View

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