TPA Fuse Panels

Power :: High-Current Power Distribution; Multiple Configurations; Up to 50A per TPA Fuse

Overview

Manage power to routers, DSLAMs, optical MUXes and other active equipment with Telect's space-saving TPA fuse panels. These high-current fuse panels incorporate TPA fuses rated up to 50A each. Integrated GMT fuses also enable low- current distribution in several configurations.

Choose from a broad range of configurations to fit the specific requirements of your application. Configurations include 1 RU and 2 RU panels, dual- and quad-feed inputs, and bay alarm options.

Note: Panels do not include fuses. See reverse page for TPA and GMT fuse ordering information.

Primary Benefits

- Industry-leading capacity in 1 RU panel configurations
- Input connections accept two-hole compression lugs up to 250 MCM
- Large range of output amperages: 3A to 50A TPA fuses; up to 15A GMT fuses
- Advanced output connector design allows for full utilization of TPA fuse rating by accepting ring terminals up to #6 AWG
- Clear rear cover included to protect connections
- Built to key industry standards, including NEBS and UL Backed by Telect's standard five-year warranty

Applications

- DSL
- Internet routers
- Wireless
- Central office
- Secondary distribution
- Small primary distribution
- Co-locate
- Servers, MUXes

200A Dual 4/5 TPA/GMT Panel, 009-8005-0404

100A Dual 4/4 TPA/GMT Panel, 009-8005-3404

200A Dual 4/5 TPA/GMT with Bay Alarms, 009-8005-1404

100A Dual 4/4 TPA-Only Panel, 009-8005-3400

350A Dual 8/10 TPA/GMT Panel, 009-8005-0810

100A Quad 4/4 TPA/GMT Panel, 009-8005-4404

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Ordering Information

Input	Max. Fuse	VDC	Feed	Fuses per Feed	RUs	Mounting	Part Number
350A	50A TPA, 15A GMT	±48V, ±24V	Dual	8 TPA/10 GMT	2	19"/23"	009-8005-0810
200A	50A TPA, 15A GMT	±48V, ±24V	Dual	4 TPA/5 GMT	1	19"/23"	009-8005-0404
200A	50A TPA, 15A GMT	±48V, ±24V	Dual	4 TPA/5 GMT	1	19"/23"	009-8005-1404*
100A	50A TPA, 15A GMT	-48V	Dual	4 TPA/4 GMT	1	19"/23"	009-8005-3404
100A	100A 50A TPA, 15A GMT	-48V	Quad	4 TPA/4 GMT	1	19"/23"	009-8005-4404

*Part number 009-8005-1404 features bay alarms.

Specifications

Electrical

Max. input interrupt device	Dual & quad 4/4 panels: 125A Dual 4/5 panels: 250A Dual 4/20 panel: 325A Dual 8/10 panel: 500A
Max. output protection device	50A TPA fuse; 15A GMT fuse

Mechanical

Dimensions	17.5" Wx1.75" Hx9" D 445 mm x 44 mm x 229 mm 009-8005-0420 and 009-8005-0810 measure 3.5" (18 mm) H
Weight, without breakers	1 RU Panels: 15 lbs. (6.8 kg) 2 RU Panels: 18 lbs. (8.2 kg)
Material	Cold-rolled steel
Finish	White, powder coat
Mounting	19"/23", EIA/WECO

Environmental

Temperature	-5° to 55° C
Humidity	0 to 90%, non-condensing

Connections

Input terminals	Dual studs, 1/4"-20 studs on 3/4" ctrs. 4/4 Panels: Dual studs, M5 on 5/8" ctrs. 8/10 Panel: Dual studs, 3/8"-16 studs on 1" ctrs.
Output terminals	TPA: Dual studs, 10-32 on 5/8" ctrs. GMT: Dual studs, 1/4"-20 on 5/8" ctrs.
Chassis ground	Dual studs, 1/4"-20 on 5/8" ctrs. 4/4 Panels: Dual studs, M5 on 5/8" ctrs.

Compliance

Agency compliance	NEBS 3, UL, cUL, CE (no CE marking for 009-8005-0810)

Fuses

TPA	Part Number	TPA	Part Number
5A	124818	25A	125244
10A	124819	30A	122734
15A	124820	40A	122738
20A	124821	50A	122739

GMT	Part Number	GMT	Part Number
18/100A	130781	3A	004012
1/4A	100151	3-1/2A	130782
1/2A	004001	4A	004013
3/4A	004008	5A	004014
1A	100991	7-1/2A	004010
1-1/3A	004006	10A	004015
1-1/2A	004011	12A	102287
2A	004002	15A	102288
2-1/2A	130783		

260A Dual 4/20 TPA/GMT Panel, 009-8005-0420

See telect.com for our full line of power distribution panels, systems and accessories.

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