

TPA/GMT Combination Fuse Panels

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

Overview

TPA/GMT combination fuse panels are virtually the perfectly balanced DC distribution product. With inputs ranging from 100A to 350A, they can be used across the full range of secondary distribution and the lower range of battery distribution. All panels are built to fit 19" rack mount and with a 1RU size up to 200A input, they meet the needs of the broadest applications for rear access fuse panels. A minimum of 8 total outputs of GMT and TPA per dual feed, provides an excellent balance of capacity and distribution with output ranges from <1A to 50A.

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

Key Benefits

- Industry-leading capacity panels to optimize capacity and available RU space
- All panels designed to run continuous at max ratings providing the highest reliability in the industry
- Large range of output amperage configurations with GMT and TPA fuse combination, including 15A and 20A GMT options, providing best application fit for price and functionality
- Leveraged design across families shortens installation learning curves
- All panels are UL Listed and NEBS Level 3 certified and backed by Amphenol Network Solutions 5-year warranty, ensuring high quality and performance over their lifetime
- Panels with "RC" suffix are RoHS 6/6 compliant



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

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

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

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

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

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

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



Applications

Used everywhere: Optical Transport fused typically around 30A, Universal Edge Routers fused in 30A to 50A range, Ethernet Switches fused typically around 40A and Servers fused in the 30A to 50A range



Fig. 3: 350A Dual 8/10 TPA/GMT Panel, 009-8005-0810



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

Ordering Information

Part Number	Input	Max. Fuse TPA/GMT	VDC	Feed	Fuses per Feed TPA/GMT	RUs
009-8005-3404	100A	50A/15A	-48	Dual	4/4	1
009-8005-4404/RC	100A	50A/15A	-48	Quad	2/2	1
009-8005-4404H	130A	50A/15A	-48	Quad	2/2	1
009-8005-3404H/HRC	150A	50A/15A	-48	Dual	4/4	1
009-8005-0404J	160A ¹	50A/20A	±24, -48	Dual	4/5	1
009-8005-0404/RC	200A	50A/15A	±24, -48	Dual	4/5	1
009-8005-1404 ²	200A	50A/15A	±24, -48	Dual	4/5	1
009-8005-0404L / LR ^{3,4} / LRC	200A	50A/15A	±24, -48	Dual	4/5	1
009-8005-0404G ⁵	200A	50A/20A	±24, -48	Dual	4/5	1
009-8005-0420	260A	50A/15A	±24, -48	Dual	4/20	2
009-8005-0810	350A	50A/15A	±24, -48	Dual	8/10	2

1) 009-8005-0404J has 200A rated input, continuous at 45°C, 160A continuous at 65°C

2) 009-8005-1404 has bay alarms

3) 009-8005-0404L has 25" depth

4) 009-8005-0404LR adds support rails for cabinet installs to the 009-8005-0404L

5) 009-8005-0404G has A/B fuse and A/B power alarms, both visual and remote

Specifications

Electrical	
Max. input interrupt device	100A input: 125A 130A input: 160A 150A input: 185A 160A input: 250A, 200A max rated input 200A input: 250A 260A input: 325A 350A input: 435A
Max. output protection device	50A TPA fuse 15A GMT fuse, except 009-8005-0404J/G 20A GMT fuse, 009-8005-0404J/G

Mechanical	
Dimensions	17.25"W x 1.75"H x 10"D, 009-8005-1404 17.5"W x 1.75"H x 10"D, 009-8005-3404/H/-4404/H 17.5"W x 1.75"H x 11"D, 009-8005-0404/J/G 17.5"W x 1.75"H x 26"D, 009-8005-0404L/LR 17.5"W x 3.5"H x 12"D, 009-8005-0420 17.75"W x 3.5"H x 12"D, 009-8005-0810
Weight	15 lbs. (6.8 kg): 1RU, except 009-8005-0404L/LR 21 lbs. (13.6 kg): 009-8005-0404L/LR 18 lbs. (8.2 kg): 2RU
Material	Cold-rolled steel, UL94VO plastics, RoHS 5/6 Any panel with RC suffix is RoHS 6/6 compliant
Finish	White, powder coat: except 009-8005-0404J Gray, powder coat: 009-8005-0404
Mounting	19"/23", EIA/WECO Interior rack > 17.75": 009-8005-0810
Environmental	
Temperature, operating	-5° to 65°C, 80% of rated input -5° to 55°C, 100% of rated input, except -0404J -5° to 45°C, 100% of rated input, 009-8005-0404J
Temperature, storage	-40° to 70°C
Humidity	0 to 90%, non-condensing
Compliance	
Agency compliance	UL listed NEBS Level 3 Certified
Connections	
Input terminals	Dual studs: M5 @ 5/8" C-C: 100A inputs ¼-20 @ 5/8" C-C: 130A and 150A inputs ¼-20 @ 3/4" C-C: 160A and 200A inputs 3/8-16 @ 1" C-C: 260A and 350A inputs
Output terminals	Single screw: #10: TPA outputs #6: GMT outputs
Chassis ground	Dual stud or dual bolt: M5 @ 5/8" C-C: 100A inputs ¼-20 @ 5/8" C-C: All others Panels may have multiple grounding points for convenience. Only one ground point connection is necessary.

Fuses

TPA	Part Number
5A	124818
10A	124819
15A	124820
20A	124821
25A	125244
30A	122734
40A	122738
50A	122739
GMT	Part Number
18/100A	130781
1/4A	100151
1/2A	004001
3/4A	004008
1A	100991
1-1/3A	004006
1-1/2A	004011
2A	004002
2-1/2A	130783
3A	004012
3-1/2A	130782
4A	004013
5A	004014
7-1/2A	004010
10A	004015
12A	102287
15A	102288
20A	127240
20A + cover	131340
Dummy fuse	132748