

Dual-Feed 10/10 GMT Fuse Panel

Power :: 100A Input, Universal $\pm 24V/-48V$, Max. 20A Fuses

Overview

Telect's 100A dual-feed 10/10-position GMT fuse panel features universal $\pm 24/-48$ operating voltage to fit in legacy and "next-gen" network applications, with advanced features engineered into a standard 1 RU footprint.

Panels handle up to 20A fuses in each position, providing ample capacity for distribution to a broad range of components. Front-panel features include fuse access and LED status, with input, output, ground and alarm terminals on the rear.

Applications

- Wireless
- Central office
- Co-locate
- Remote sites
- Secondary distribution

Primary Benefits

- Universal voltage ($\pm 24/-48$ VDC) enables standardization on a single part number for multiple network applications
- Bay alarm as standard feature for either major or minor alarms within the equipment rack
- Up to 20A fuses for distribution to a variety of network elements
- GMT fuse holders mounted for downward trip indication—easier identification and detection of blown fuses
- Staggered output terminal blocks facilitate "waterfall" cable management
- UL and NEBS compliant to ensure industry-standard safety and functionality requirements
- Form C relay contacts provide reliable alarm connections
- Integrated designation pin holder for simple power identification
- Fail alarm LEDs clearly indicate fuse and power failures
- Clear, flame-retardant polycarbonate cover (94V-0) protects input and output power connectors and wiring



HPGMT10 Front view

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Ordering Information

Description	Part Number
Dual-feed 10/10 panel, white	HPGMT10
Dual-feed 10/10 panel, black	HPGMT10-BLK

Panels ship with “dummy” fuses. Order fuses separately.

Amperage	GMT Fuses	Designation Pins
18/100A	130781	102435-21 (yellow)
1/4A	100151	102435-2 (violet)
1/2A	004001	102435-5 (red)
3/4A	004008	102435-7 (brown)
1A	100991	102435-8 (gray)
1-1/3A	004006	102435-9 (white)
1-1/2A	004011	102435-10 (white/yellow)
2A	004002	102435-11 (orange)
2-1/2A	130783	102435-12 (orange/white)
3A	004012	102435-13 (blue)
3-1/2A	130782	102435-14 (white/blue)
4A	004013	102435-15 (white/brown)
5A	004014	102435-16 (green)
7-1/2A	004010	102435-17 (black/white)
10A	004015	102435-18 (red/white)
12A	102287	102435-19 (yellow/green)
15A	102288	102435-20 (red/blue)
20A	127240RC	102435-22 (green/white)
20A + cover	131340	102435-22 (green/white)
Fuse puller		06113-03
Dummy fuse		132748
Fuse safety cover		116915

Specifications

Electrical	
Nominal voltage	$\pm 24V/-48V$
Input rating	100A per bus
Max. input interrupt device	125A
Max. output protection device	20A
Power dissipation (full load)	12W per bus
Mechanical	
Dimensions	17" W x 1.75" H x 12" D (432 mm x 45 mm x 305 mm)
Weight	9 lbs. (4.08 kg)
Color	White or black
Finish	Powder coat
Mounting	19" or 23"
Environmental	
Temperature range	-5° to 55° C
Humidity	0 to 90%, non-condensing
Connections	
Input terminals	Dual stud, 1/4" on 5/8" centers
Output terminals	Screw terminal, #6
Chassis ground	Dual stud, #10 on 5/8" centers
Alarms	
Alarm indicators	Power, fuse alarms
Alarm type	Form C
Alarm connector	0.045" square pin
Relay contact ratings	0.6A at 48 VDC; 1A at 120 VAC
Compliance	
Agency compliance	UL Listed, cUL, NEBS 3



HPGMT10 Rear view