

GMT Mini — 50A Dual-Feed 5/5 TFA Fuse Panel

Power :: Maximum 15A Fuses; Wall-Mount or 19"/23" Rack-Mount

Overview

Now there's a single power distribution solution for multiple voltage applications. The Telect 50A dual-feed 5/5 GMT total front access fuse panel is a compact 19", 1RU panel enabling ± 24 and -48 VDC power protection for a variety of local/remote central office, data center and cell tower communications equipment.

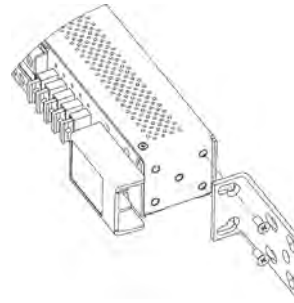
The panel provides total front access to inputs, outputs, alarms, LED indicators and fuses. Its small form factor — fewer than two inches in depth — makes it ideal for mounting to either front or rear rack flanges. Simply re-orient the mounting brackets to install the panel on a wall.

Each of the 50A feeds provides power for up to five GMT protected loads of up to 15A each. The GMT fuse blocks are mounted upside down so that the GMT indicator flag flips downward when activated, making identification and detection easier, especially on tall racks. Holes for color-coded fuse designation pins are located above each fuse position.

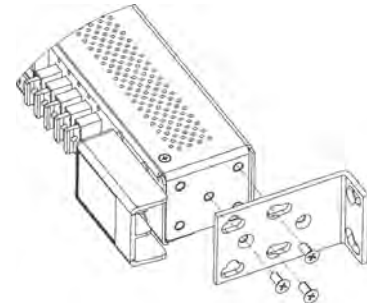
Other features include power and fuse fail LEDs for each feed plus dry Form-C alarm connections for both power and fuse failures.

Primary Benefits

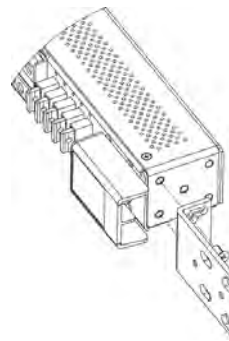
- ± 24 and -48 VDC for use with legacy and "next-gen" equipment
- Shallow panel depth is ideal for wall mounting
- 15A fuse outputs provide power protection and distribution to a variety of network elements
- Unique mounting bracket design allows for rack or wall-mount with simple adjustment to bracket



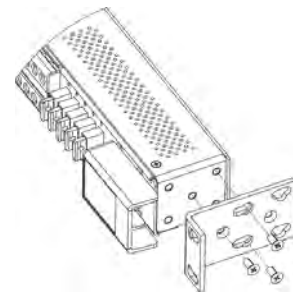
Extended 23" Mounting,
Wall Mounting



Extended 19" Mounting,
Wall Mounting



23" Flush Mounting



19" Flush Mounting

Applications

- Wireless
- Customer premise
- Co-locate
- Remote sites

Versatile wall- or rack-mounting in ± 24 or -48 VDC networks.



GMT05FA, Front view

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Ordering Information

Part Number	Description	
GMT05FA	Dual-feed 5/5-position total front access/wall mount GMT fuse panel	
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	102135-13 (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)
Additional Items		
06113-03	Fuse puller	
132748	Dummy fuse	
116915	Fuse safety cover	
06117-01	Compression lug, package of two	

Specifications

Electrical	
Nominal voltage	±24V / -48V
Input rating	50A per bus
Max. input interrupt device	60A
Max. output protection device	15A
Power dissipation (full load)	11W per bus
Mechanical	
Dimensions	17.25"W x 1.75"H x 2.00"D (450 mm x 45 mm x 51 mm)
Weight	3.6 lbs. (1.63 kg)
Color	Gray
Finish	Powder coat
Mounting	19" or 23" racks, wall-mount
Environmental	
Temperature range	-10° to 55° C
Humidity	0 to 90%, non-condensing
Connections	
Input terminals	Dual #10/32 studs on 5/8" centers
Output terminals	Screw terminals, #6
Chassis ground	Singe 1/4-20 stud
Alarms	
Alarm indicators	Power, fuse alarms
Alarm type	Form C
Alarm connector	#3 panhead screw terminal
Relay contact ratings	1A at 30 VDC
Compliance	
Agency compliance	UL Listed, cUL, NEBS 3
Warranty	Standard Telect five-year warranty

