

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

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

## Overview

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

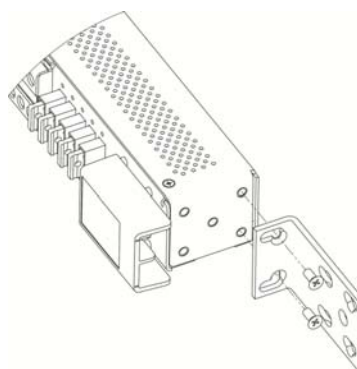
The panel provides total front access to inputs, outputs, alarms, LED indicators and fuses. Its small form factor — fewer than two inches in depth — makes it ideal for mounting to either front or rear rack flanges. Simply re-orient the mounting brackets to install the panel on a wall.

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.

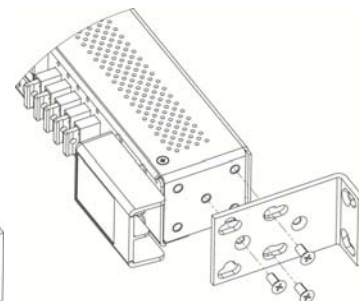
Other features include power and fuse fail LEDs for each feed plus dry Form-C alarm connections for both power and fuse failures.

## Primary Benefits

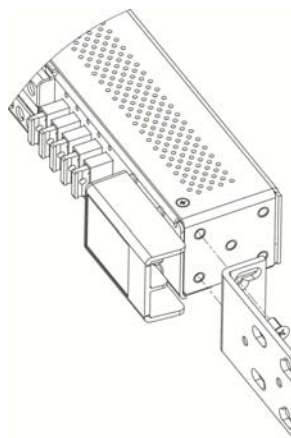
- $\pm 24$  and  $-48$  VDC for use with legacy and "next-gen" equipment
- Shallow panel depth is ideal for wall mounting
- 15A fuse outputs provide power protection and distribution to a variety of network elements
- Unique mounting bracket design allows for rack- or wall-mount with simple adjustment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



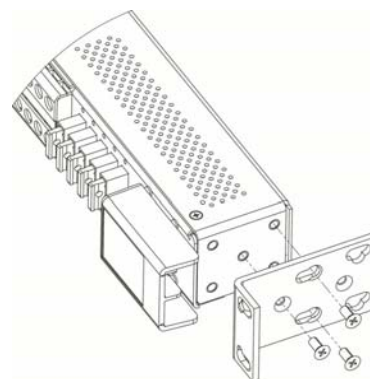
Extended 23" Mounting,  
Wall Mounting



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  
 $\pm 24$  or  $-48$  VDC  
networks.**



GMT05FA, Front view

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## Ordering Information

Description	Part Number
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Dual-feed 5/5-position total front access/ wall-mount GMT fuse panel	GMT05FA
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Panels ship with "dummy" fuses. Order fuses separately.

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

Fuse puller	06113-03
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Dummy fuse	101557
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Fuse safety cover	116915
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Compression lugs, package of two	06117-01
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## Specifications

### Electrical

Nominal voltage	±24V/-48V
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Input rating	50A per bus
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Max. input interrupt device	60A
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Max. output protection device	15A
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Power dissipation (full load)	11W per bus
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### Mechanical

Dimensions	17.25" W x 1.75" H x 2.00" D (450 mm x 45 mm x 51 mm)
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Weight	3.6 lbs. (1.63 kg)
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Color	Gray
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Finish	Powder coat
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Mounting	19" or 23" racks, wall-mount
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### Environmental

Temperature range	-10° to 55° C
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Humidity	0 to 90%, non-condensing
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### Connections

Input terminals	Dual #10/32 studs on 5/8" centers
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Output terminals	Screw terminals, #6
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Chassis ground	Single 1/4-20 stud
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### Alarms

Alarm indicators	Power, fuse alarms
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Alarm type	Form C
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Alarm connector	#3 Panhead screw terminal
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Relay contact ratings	1A at 30 VDC
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### Compliance

Agency compliance	UL Listed, cUL, NEBS 3
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Warranty	Standard Telect five-year warranty
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