

# Telect Universal Voltage GMT Fuse Panels

## Power :: Multiple GMT Fuse Panel Configurations and Options

### Overview

Telect GMT fuse panels include a comprehensive range of options and standard configurations to fit virtually any low-current power distribution application.

Each panel allows up to 100A input connections enabling increased power distribution for equipment. Panels are available with 20A maximum fuse positions to handle a wide range of equipment, and universal operating voltage ( $\pm 24$  to  $-48$  VDC) means they fit any network environment — from traditional central offices to customer premise and wireless applications.

Choose from 10- or 15-position panels. Individual fuses mount adjacent to each other in thermally isolated fuse holders.

### Applications

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

### Primary Benefits

- Universal voltage ( $\pm 24$  to  $-48$  VDC) enables standardization on a single part number for multiple voltages
- 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 to provide 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 functional 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 from damage



HPGMT10 Front view

# Telect Universal Voltage GMT Fuse Panels

Power :: Multiple GMT Fuse Panel Configurations and Options

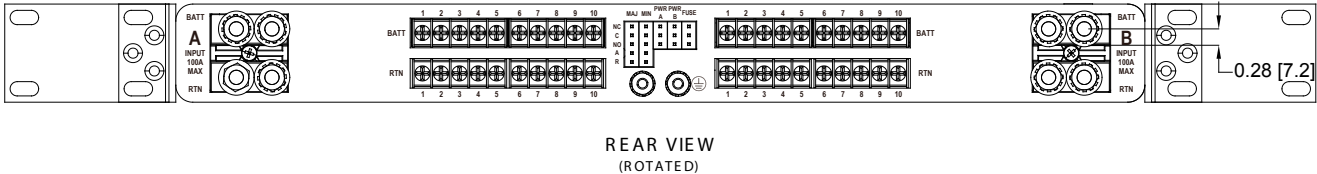
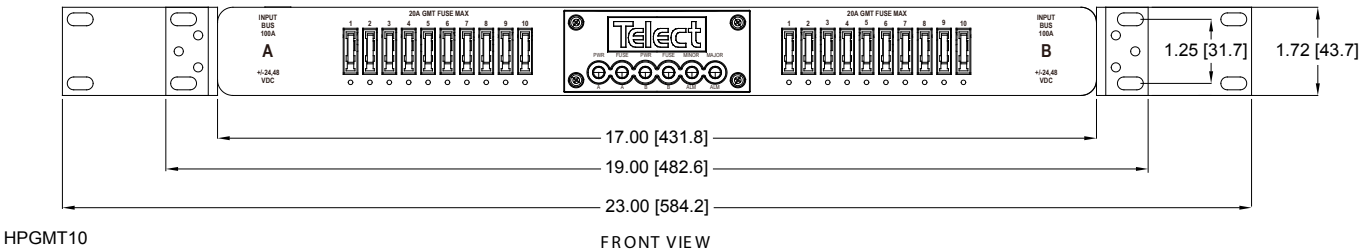
## Specifications

<b>Dimensions</b>	
Width	17" (431 mm) Front access panels: 21" (533 mm)
Height	1.75" (45 mm) Front access panels: 3.5" (89 mm)
Depth	12" (305 mm)
<b>Mechanical</b>	
Weight	9 lbs. (4.1 kg)
Material	Cold-rolled steel
color	white
Finish	Powder coat
Mounting	19" or 23"
<b>Electrical</b>	
Nominal voltage	±24 to -48 VDC
Input rating	100A per bus
Maximum input interrupt device	125A
Maximum output protection device	20A
Power dissipation (full load)	12W per bus

<b>Environmental</b>	
Temperature	-5° to 55° C
Humidity	0 to 90%, non-condensing
<b>Connections</b>	
Input terminals	Dual stud, 1/4" on 5/8" centers for 100A input panels; screw clamp for 60A input panels
Output terminals	Screw terminal, #6
Chassis ground	Dual stud, #10 on 5/8" centers
<b>Alarms</b>	
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
Agency compliance	NEBS 3, UL, CUL



HPGMT10 Rear view



# Telect Universal Voltage GMT Fuse Panels

Power :: Multiple GMT Fuse Panel Configurations and Options

## Ordering Information

Features	GMT10	GMT10FA	GMT20	GMT20S	HPGMT10	HPGMT10FA	HPGMT15	HPGMT20	HPGMT20S	HPGMT30S
60A Max. Input	x	x	x	x						
100A Max. Input					x	x	x	x	x	x
20A Max. Fuse Position	x	x		x	x	x	x	x	x	x
15A Max. Fuse Position			x							
Universal VDC	x	x	x	x	x	x	x	x	x	x
Dual Bus	x	x	x		x	x	x	x		
Single Bus				x					x	x
Fuse Positions per Feed	10	10	20	20	10	10	15	20	20	30
Rack Units	1	1	1	1	1	2	1	1	1	1
Width	19"	23"	19"	19"	19"	19"	19"	23"	19"	19"
Front Access		x				x				
Stud Input					x	x	x	x		x
Screw Clamp Input	x	x	x	x						
BayAlarm	x	x	x	x	x	x	x	x	x	x

Standard color is white. Black also available. Order fuses separately.

## Accessories

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)
3A	004012	102435-13 (blue)
3.5A	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 with cover	131340	102435-22 (green/white)
<b>Additional Items</b>		
Fuse puller		06113-03
Dummy fuse		132748
Fuse safety cover		116915
<b>Compression Lugs</b>		
2-Hole compression lug, 5/8" spacing, #6 AWG (qty. of 2)		06117-01



HPGMT10 Rear View