Universal Voltage GMT Fuse Panels
Power :: Multiple GMT Fuse Panel Configurations and Options

Overview

Amphenol 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 60A or 100A input connections enabling increased power distribution for equipment. Panels support 20A maximum fuse positions to handle a wide range of equipment and universal operating voltage (±24 to -48 VDC) which means they fit any network environment — from traditional central offices to customer premise and wireless applications.

Choose from 10- or 20-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 (±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 easy 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

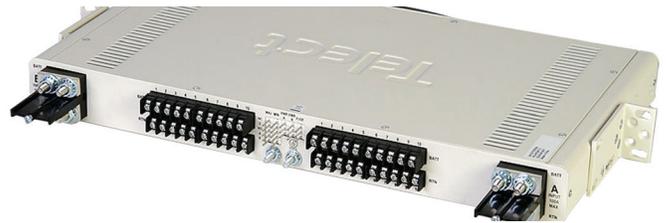
GMT10 Front View

GMT10-BLK Front View

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Specifications

Dimensions	
Width	
All except HPGMT20	17" (431 mm)
HPGMT20	21" (533 mm)
Height	1.75" (45 mm)
	Front access panels: 3.5" (89 mm)
Depth	12" (305 mm)

Mechanical	
Weight	9 lbs. (4.1 kg)
Material	Cold-rolled steel
Color	
All except xxxx-BLK	White
GMT10-BLK & HPGMT10-BLK	Black
Finish	Powder coat
Mounting	
All except HPGMT20	19" or 23"
HPGMT20	23" only

Electrical	
Nominal voltage	± 24 to -48 VDC
Input rating	
HPGMTxx	100A per bus
GMTxx	60A per bus
Maximum input interrupt device	125A for 100A panels
	75A for 60A panels
Maximum output protection device	20A
Power dissipation (full load)	Less than 1%

Environmental	
Temperature	-5° to 55° C
Humidity	0 to 90%, non-condensing

Connections	
Input terminals	Dual stud, ¼" on ⅝" centers for 100A input panels; screw clamp for 60A input panels
Output terminals	Screw terminal, #6
Chassis ground	Dual stud, #10 on ⅝" 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
Agency compliance	NEBS 3, UL, CUL

GMT10 Rear View

Typical dimensions for GMT10x and HPGMT20S
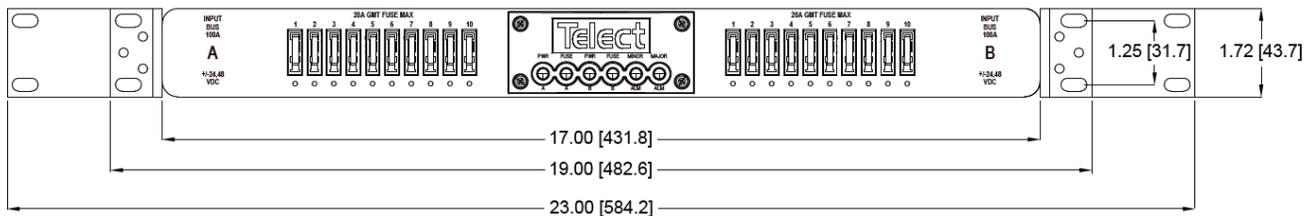
HPGMT10
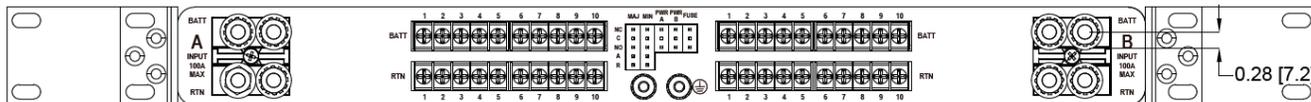
1.25 [31.7]   1.72 [43.7]

17.00 [431.8]

19.00 [482.6]

23.00 [584.2]

Front View

0.28 [7.2]

Rear View
(Rotated)

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Ordering Information

Features	GMT10 & GMT10-BLK	HPGMT10-BLK	HPGMT20	HPGMT20S
60A Max. Input	x			
100A Max. Input		x	x	x
20A Max. Fuse Position	x	x	x	x
Universal VDC	x	x	x	x
Dual Bus	x	x	x	
Single Bus				x
Fuse Position per Feed	10	10	20	20
Rack Units	1	1	1	1
Width	19"	19"	23"	19"
Stud Input		x	x	x
Screw Clamp Input	x			
Bay Alarm	x	x	x	x

Standard color is white. GMT10-BLK and HPGMT10-BLK are black.
Order fuses seperately.

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)
Additional Items		**Part Number**
Dummy fuse		132748
Fuse safety cover		116915
Input and Ground Compression Lugs		
#1 AWG, kit of 2		06117-13
#2 AWG, kit of 2		06117-02
#4 AWG, kit of 2		06117-04
#6 AWG, kit of 2		06117-01
#8 AWG, kit of 2		06117-11
Output Ring Terminals, #6-32		**Part Number**
#8 AWG, kit of 12		06122-04
#10-12 AWG, kit of 10		06122-06
#14-16 AWG, kit of 10		06122-01
#18-22 AWG, kit of 10		06122-02

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