

# Universal Voltage GMT Fuse Panel

## HPGMT10FA

### Overview

The HPGMT10FA panel allows up to 100A input connections enabling increased power distribution for equipment. The panel supports 20A maximum fuse positions to handle a wide range of equipment. A universal operating voltage ( $\pm 24$  to  $-48$  VDC) means it fits any network environment – from traditional central offices to customer premises and wireless applications.



### 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 indicate fuse and power failures
- Clear, flame-retardant polycarbonate cover (94V-0) protects input and output power connections and wiring from damage

### Applications

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



Fig. 1: HPGMT10FA

## Specifications

<b>Dimensions</b>	
HPGMT10FA	17" x 3.5" x 11.5"
<b>Mechanical</b>	
Weight	10.6 lbs (4.8 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>Connections</b>	
Input terminals	Dual 1/4-20 studs on 5/8" centers. Torque KEPS nut to ~50 in.-lb. (~5.6 N•m), max.
Output terminals	Screw terminal, #6
Chassis ground	#10-32 studs on 5/8" centers. Torque KEPS nut to ~20 in.-lb. (~2.3 N•m), max.
<b>Alarms</b>	
Alarm indicators	Power, fuse alarms
Alarm type	Form C
Alarm connector	0.045" square pin
Relay contact rating	0.6A to 48 VDC; 1A at 120 VAC
Agency compliance	UL, NEBS 3
<b>Environmental</b>	
Temperature	-5° to 55°C at 100A continuous -5° to 65°C at 80A continuous
Humidity	0 to 90%, non-condensing

## Ordering Information

Part Number	Description
HPGMT10FA	100A dual-feed 10/10 20A GMT, 2RU, 19"/23", total front access
<b>Accessories</b>	
GMT Fuse	Part Number
180mA	130781
1/4A	100151
1/2A	004008
3/4A	004008
1A	100991
1-1/3A	004006
1-1/2A	004011
2A	004002
3A	004012
3-1/1A	130782
4A	004013
5A	004014
7-1/2A	004010
10A	004015
12A	102287
15A	102288
20A	127240RC
20A with cover	131340
Fuse safety cover	116915
Dummy fuse	132748
<b>Input and Ground Compression Lugs</b>	
#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
<b>Output Ring Terminals, #6-32</b>	
#8 AWG, kit of 2	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