

0HP Series GMT Fuse Panels

Power :: 100A Input Rating, up to 15A Fuses



Overview

For applications that require up to 15A per position distribution, the Amphenol Network Solutions 0HPseries fuse panels are an ideal fit. Fuses can be mounted adjacent to each other in thermally isolated fuse holders. Choose from 100A dual-feed or single-feed configurations.



Fig. 1: 0HPGMT05R Front View

Primary Benefits

- Single bus or dual bus configurations available
- Form C relay contacts provide reliable fail alarm connections
- Fail alarm LEDs clearly indicate blown fuse and power failures
- MTBF exceeds 750,000 hours per TR-TSY-000332
- Alarm cards and individual fuses can be replaced with the power on
- Clear polycarbonate cover (94V-0) protects input and output power connectors and wiring
- Additional options:
 - Power line noise filter – provides circuit protection by suppressing unwanted power line noise from external sources
- UL Listed, cUL, NEBS 3

Applications

- Central office
- Remote sites
- Secondary distribution



Fig. 2: 0HPGMT05R Rear View

Ordering Information

Description:		Part Number:
0HP Series GMT Fuse Panel		
Dual-feed 20/20		0HPGMT02R
Dual-feed 15/15		0HPGMT03R
Dual-feed 10/10		0HPGMT05R
Dual-feed 10/10 with noise filter		0HPGMT05NR
Single-feed 30		0HPGMT07R
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)
2- 1/2A	130783	102435-12 (orange/white)
3A	004012	102435-13 (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	127240	102435-22 (green/white)
20A with cover	131340	102435-22 (green/white)
Dummy fuse	101557	
Fuse safety cover	116915	

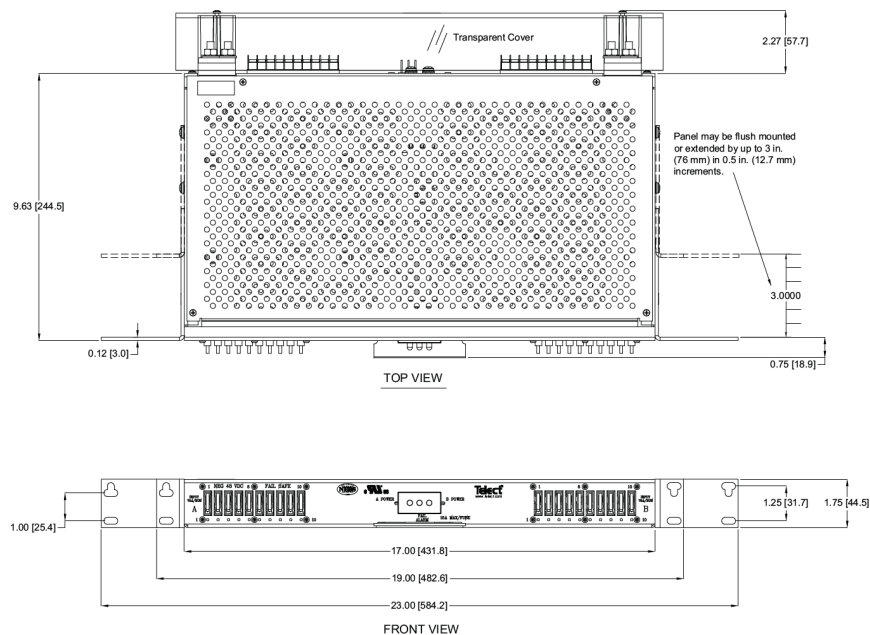


Fig. 3: 0HPGMT05R

Specifications

Electrical	
Nominal voltage	-48V
Input rating	100A per bus
Max. input interrupt device	125A
Max. output protection device	15A
Power dissipation (full load)	10W per bus
Mechanical	
Dimensions	17"W x 1.75"H x 12"D (432mm x 44mm x 305mm)
Weight	9lbs. (4.08kg.)
Material	Cold-rolled steel
Color	Gray
Finish	Powder coat
Mounting	19" or 23"
Environmental	
Temperature	-5 to 60° C
Humidity	0 to 90%, non-condensing
Connections	
Input terminals	Dual stud, 1/4" on 5/8" centers
Output terminals	Screw terminal, #6
Chassis ground	Dual stud, #10 on 5/8" 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
Compliance	
Agency compliance	UL Listed, cUL, NEBS 3