

# GMT Fuse Panels, Max. 20A Fuses

Dual-Feed 100A Input; Bay Alarm, Noise Filter, Load Sharing Options

## Overview

High-power GMT 20A series fuse panels operate with multiple 20A fuses that can be mounted adjacent to each other in thermally isolated fuse holders, providing distribution and overload protection for 10 or 20 circuits. Redundant connections increase panel reliability. Each panel can distribute a maximum current of 100A per bus (200A total).

## Applications

- Central office
- Remote sites
- Secondary/traditional power distribution

*Additional GMT fuse panel configurations are available, all of which feature Telect's industry-leading reliability.*

*Visit [Telect.com](http://Telect.com) for details.*

## Primary Benefits

- Dual bus (A and B) with 10 fuses per bus
- Dual stud (1/4" x 5/8" centers) input terminals
- Form C contacts provide reliable fail alarm connections
- Designation pin holder integrated into the panel (one pin holder per fuse)
- Fail alarm LEDs provide clear indication of 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
- Auxiliary major/minor bay alarms provide warning for either major or minor alarms within the equipment rack
- Power line noise filter provides circuit protection by suppressing unwanted power line noise from external sources
- UL Listed, cUL, NEBS 3, CE



20HPGMT05NR  
Front view



20HPGMT05NR  
Rear view

# GMT Fuse Panels, Max. 20A Fuses

Dual-Feed 100A Input; Bay Alarm, Noise Filter, Load Sharing Options

## Ordering Information

Description	Part Number
Dual-feed 10/10 panel	20HPGMT05R
Dual-feed 10/10 panel, load sharing	20HPGMT05FR
Dual-feed 10/10 panel, noise filter	20HPGMT05NR
Dual 10/10, bay alarms, noise filter	20HPGMT05BNR
Dual 10/10, bay alarms, noise filter, -24V	20HPGMT05BNR-24
Dual-feed 10/10, total front access	20HPGMT12R-75
Dual-feed 15/15 panel	20HPGMT03R
Dual-feed 20/20 panel, 23" mounting only	20HPGMT02R

Panels ship with "dummy" fuses. Order fuses separately.

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	127240	102435-22 (green/white)
20A + cover	131340	102435-22 (green/white)

### Additional Items

Fuse puller	06113-03
Dummy fuse	101557
Fuse safety cover	116915

## Specifications

### Electrical

Nominal voltage	-48V -24V for 20HPGMT05BNR-24
Input rating	100A per bus (75A per bus for 20HPGMT05FR, 20HPGMT05BNR and 20HPGMT05BNR-75)
Max. input interrupt device	125A
Max. output protection device	20A
Power dissipation (full load)	12W per bus

### Mechanical

Dimensions	17" W x 1.75" H x 12" D (432 mm x 45 mm x 305 mm) 20HPGMT12R-75 is 3.5" (89 mm) H 20HPGMT02R is 21" (533 mm) H
Weight	9 lbs. (4.08 kg)
Color	Gray
Finish	Powder coat
Mounting	19" or 23"

### Environmental

Temperature range	-25° to 55° 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, CE
-------------------	----------------------------

See more power distribution solutions, additional product documentation and more online at [Telect.com](http://Telect.com).