

60A Dual-Feed GMT Fuse Panels

Power :: Dual 10/10 or Dual 20/20 Positions; Compact & Lightweight



Overview

The Amphenol Network Solutions new GMT fuse panels provide reliable low-current power distribution in a highly cost-effective package. Each panel features 60A dual-feed inputs and universal ±24/-48 operating voltage to fit in legacy and "next-gen" network applications. Panels handle up to 15A fuses in each position, providing ample capacity for distribution to a broad range of components. Dual 10/10-position and 20/20-position configurations are available.



Fig. 1: 60GMT10 Front View

Primary Benefits

- Universal voltage (±24 to -48 VDC) enables standardization on a single part number for multiple voltages
- Up to 15A fuses for distribution to a variety of network elements (Note: Order fuses separately)
- GMT fuse holders mounted for downward trip indication easier identification and detection of blown fuses
- Form C relay contacts provide reliable alarm connections
- Fail alarm LEDs clearly indicate fuse and power failures
- Lever-actuated input connectors provide simple, tool-less termination and maintenance-free connections
- Screw clamp output, ground, and alarm connectors ensure security and reliability
- Essential low-current power distribution functionality in a cost-effective platform

See more power distribution solutions, additional product documentation and more online at amphenol-ns.com

Applications

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



Specifications

Electrical Nominal voltage		
Input rating Max. input interrupt device Max. output protection device Power dissipation (full load) Mechanical Dimensions 19" W x 1.75" H x 2" D (432 mm x 45 mm x 51 mm) Weight 4 lbs (1.8 kg) Color White Finish Powder coat Mounting 19" or 23" Environmental Temperature range -5° to 55°C Humidity 0 to 90%, non-condensing Connections Input terminals Pressure clamp, #16 - #6 AWG Output terminals Chassis ground Screw, #8 Alarms Alarm indicators Power, fuse alarms Alarm type Form C Alarm connector Screw clamp, #22 - #16 AWG	Electrical	
Max. input interrupt device Max. output protection device Power dissipation (full load) Mechanical Dimensions 19" W x 1.75" H x 2" D (432 mm x 45 mm x 51 mm) Weight 4 lbs (1.8 kg) Color White Finish Powder coat Mounting 19" or 23" Environmental Temperature range -5° to 55°C Humidity 0 to 90%, non-condensing Connections Input terminals Pressure clamp, #16 - #6 AWG Output terminals Chassis ground Screw, #8 Alarms Alarm indicators Alarm type Form C Alarm connector Screw clamp, #22 - #16 AWG	Nominal voltage	± 24V/-48V
Max. output protection device Power dissipation (full load) Mechanical Dimensions 19" W x 1.75" H x 2" D (432 mm x 45 mm x 51 mm) Weight 4 lbs (1.8 kg) Color White Finish Powder coat Mounting 19" or 23" Environmental Temperature range -5" to 55"C Humidity 0 to 90%, non-condensing Connections Input terminals Pressure clamp, #16 - #6 AWG Output terminals Chassis ground Screw, #8 Alarm indicators Alarm type Form C Alarm connector Screw clamp, #22 - #16 AWG	Input rating	60A per bus
Power dissipation (full load) Mechanical Dimensions 19" W x 1.75" H x 2" D (432 mm x 45 mm x 51 mm) Weight 4 lbs (1.8 kg) Color White Finish Powder coat Mounting 19" or 23" Environmental Temperature range -5" to 55"C Humidity 0 to 90%, non-condensing Connections Input terminals Pressure clamp, #16 - #6 AWG Output terminals Chassis ground Screw clamp, #22 - #16 AWG Alarms Alarm indicators Power, fuse alarms Alarm type Form C Alarm connector Screw clamp, #22 - #16 AWG	Max. input interrupt device	75A
Mechanical Dimensions 19" W x 1.75" H x 2" D (432 mm x 45 mm x 51 mm) Weight 4 lbs (1.8 kg) Color White Finish Powder coat Mounting 19" or 23" Environmental Temperature range -5° to 55°C Humidity 0 to 90%, non-condensing Connections Input terminals Pressure clamp, #16 - #6 AWG Output terminals Chassis ground Screw clamp, #22 - #16 AWG Alarms Alarm indicators Power, fuse alarms Alarm type Form C Alarm connector Screw clamp, #22 - #16 AWG	Max. output protection device	15A
Dimensions 19" W x 1.75" H x 2" D (432 mm x 45 mm x 51 mm) Weight 4 lbs (1.8 kg) Color White Finish Powder coat Mounting 19" or 23" Environmental Temperature range -5° to 55°C Humidity 0 to 90%, non-condensing Connections Input terminals Pressure clamp, #16 - #6 AWG Output terminals Chassis ground Screw clamp, #22 - #16 AWG Alarms Alarm indicators Power, fuse alarms Alarm type Form C Alarm connector Screw clamp, #22 - #16 AWG	Power dissipation (full load)	12W per bus
(432 mm x 45 mm x 51 mm) Weight 4 lbs (1.8 kg) Color White Finish Powder coat Mounting 19" or 23" Environmental Temperature range -5° to 55°C Humidity 0 to 90%, non-condensing Connections Input terminals Pressure clamp, #16 - #6 AWG Output terminals Screw clamp, #22 - #16 AWG Chassis ground Screw, #8 Alarms Alarm indicators Power, fuse alarms Alarm type Form C Alarm connector Screw clamp, #22 - #16 AWG	Mechanical	
Weight 4 lbs (1.8 kg) Color White Finish Powder coat Mounting 19" or 23" Environmental Temperature range -5° to 55°C Humidity 0 to 90%, non-condensing Connections Input terminals Pressure clamp, #16 - #6 AWG Output terminals Screw clamp, #22 - #16 AWG Chassis ground Screw, #8 Alarms Alarm indicators Power, fuse alarms Alarm type Form C Alarm connector Screw clamp, #22 - #16 AWG	Dimensions	19" W x 1.75" H x 2" D
Color White Finish Powder coat Mounting 19" or 23" Environmental Temperature range -5° to 55°C Humidity 0 to 90%, non-condensing Connections Input terminals Pressure clamp, #16 - #6 AWG Output terminals Screw clamp, #22 - #16 AWG Chassis ground Screw, #8 Alarms Alarms Alarm indicators Power, fuse alarms Alarm type Form C Alarm connector Screw clamp, #22 - #16 AWG		(432 mm x 45 mm x 51 mm)
Finish Powder coat Mounting 19" or 23" Environmental Temperature range -5° to 55°C Humidity 0 to 90%, non-condensing Connections Input terminals Pressure clamp, #16 - #6 AWG Output terminals Screw clamp, #22 - #16 AWG Chassis ground Screw, #8 Alarms Alarm indicators Power, fuse alarms Alarm type Form C Alarm connector Screw clamp, #22 - #16 AWG	Weight	4 lbs (1.8 kg)
Mounting 19" or 23" Environmental Temperature range -5° to 55°C Humidity 0 to 90%, non-condensing Connections Input terminals Pressure clamp, #16 - #6 AWG Output terminals Screw clamp, #22 - #16 AWG Chassis ground Screw, #8 Alarms Alarm indicators Power, fuse alarms Alarm type Form C Alarm connector Screw clamp, #22 - #16 AWG	Color	White
Environmental Temperature range -5° to 55°C Humidity 0 to 90%, non-condensing Connections Input terminals Pressure clamp, #16 - #6 AWG Output terminals Screw clamp, #22 - #16 AWG Chassis ground Screw, #8 Alarms Alarm indicators Power, fuse alarms Alarm type Form C Alarm connector Screw clamp, #22 - #16 AWG	Finish	Powder coat
Temperature range -5° to 55°C Humidity 0 to 90%, non-condensing Connections Input terminals Pressure clamp, #16 - #6 AWG Output terminals Screw clamp, #22 - #16 AWG Chassis ground Screw, #8 Alarms Alarm indicators Power, fuse alarms Alarm type Form C Alarm connector Screw clamp, #22 - #16 AWG	Mounting	19" or 23"
Humidity 0 to 90%, non-condensing Connections Input terminals Pressure clamp, #16 - #6 AWG Output terminals Screw clamp, #22 - #16 AWG Chassis ground Screw, #8 Alarms Alarm indicators Power, fuse alarms Alarm type Form C Alarm connector Screw clamp, #22 - #16 AWG	Environmental	
Connections Input terminals Output terminals Chassis ground Alarms Alarm indicators Alarm type Alarm connector Pressure clamp, #16 - #6 AWG Screw clamp, #22 - #16 AWG Screw, #8 Power, fuse alarms Form C Screw clamp, #22 - #16 AWG	Temperature range	-5° to 55°C
Input terminals Output terminals Screw clamp, #16 - #6 AWG Chassis ground Screw, #8 Alarms Alarm indicators Alarm type Form C Alarm connector Pressure clamp, #16 - #6 AWG Screw clamp, #22 - #16 AWG	Humidity	0 to 90%, non-condensing
Output terminals Chassis ground Screw, #8 Alarms Alarm indicators Alarm type Form C Alarm connector Screw clamp, #22 - #16 AWG	Connections	
Chassis ground Screw, #8 Alarms Alarm indicators Power, fuse alarms Alarm type Form C Alarm connector Screw clamp, #22 - #16 AWG	Input terminals	Pressure clamp, #16 - #6 AWG
Alarms Alarm indicators Power, fuse alarms Alarm type Form C Alarm connector Screw clamp, #22 - #16 AWG	Output terminals	Screw clamp, #22 - #16 AWG
Alarm indicators Power, fuse alarms Form C Alarm connector Screw clamp, #22 - #16 AWG	Chassis ground	Screw, #8
Alarm type Form C Alarm connector Screw clamp, #22 - #16 AWG	Alarms	
Alarm connector Screw clamp, #22 - #16 AWG	Alarm indicators	Power, fuse alarms
	Alarm type	Form C
Relay contact ratings 0.6A at 48 VDC; 1A at 120 VAC	Alarm connector	Screw clamp, #22 - #16 AWG
	Relay contact ratings	0.6A at 48 VDC; 1A at 120 VAC

Ordering Information

Description	Part Number	
Dual-feed 10/10 panel,	60GMT10	
white		
Dual-feed 20/20 panel,	60GMT20	
white		
Order fuses separately		
Amperage	GMT Fuses	
18/100A	130781	
1/4A	100151	
1/2A	004001	
3/4A	004008	
1A	100991	
1-1/3A	004006	
1-1/2A	004011	
2A	004002	
2-1/2A	130783	
3A	004012	
3-1/2A	130782	
4A	004013	
5A	004014	
7-1/2A	004010	
10A	004015	
12A	102287	
15A	102288	
Additional Items		
Fuse puller	06113-03	
Dummy fuse	132748	

