



an EnerSys® company

GMT 125 Series™

1RU Fuse Panel for Telecom Broadband



- 19"/23" rack mount via reversible mounting brackets (1RU high)
- -48VDC; Dual A/B input; 125A max per bus
- Models with 10A/10B GMT positions and models with 15A/15B GMT positions available; 20A max fuse size
- Threaded studs for input and return terminations
- Connectorized and terminal block output options
- Bright, color coded LED indicators for individual fuse status
- Meter module option available
- Per-circuit current monitoring option available
- Dry contact alarm and optional ethernet for remote monitoring

Among a wide range of Alpha® distribution panels there's a GMT 125 Series™ fuse panel that offers the perfect combination of features for your application, all in a compact 1RU footprint.

The GMT 125 Series fuse panel sets itself apart from the rest with support of up to thirty 20A GMT fuses (15A/15B) at 125A max per bus in a dual-bus configuration. With safety in mind, plastic input covers come standard with all models as well as an additional output cover for models with terminal block output configurations. A and B-side input and output positions are clearly labeled on the front and rear of the panel.

Optional positive-latching output DC connector positions are available on some models allowing for a significant improvement in ease of installation and clean cable management with the help of an included cable lacing bar. Bright, color coded LED indicators on the front of the panel display individual fuse status which can also be monitored by an optional meter module display.

The meter module provides real-time monitoring of bus current, total bus load, alarm, and optional per-channel current. Two 8p8c (RJ45) modular jacks are provided for alarm connections, supporting easy daisy chaining of panels. For remote network monitoring, an optional ethernet module is available with advanced monitoring capabilities including individual breaker threshold warnings.

GMT 125 Series™ 1RU Fuse Panel Specifications

Electrical	
Voltage:	-42 to -60VDC
Number of Busses:	2
Load Current Per Bus:	125A max continuous
Total Load Current:	125A max continuous
Alarm Contacts:	Form-C, 60VDC @ 0.5A max
Circuits:	GMT 125 - 10/10: 20 (10A/10B) GMT 125 - 15/15: 30 (15A/15B)
Maximum Input Interruption Device:	150A

Mechanical	
Dimensions L x H x D (in/mm):	17 x 1.72 x 10 (13.78") / 432 x 44 x 254 (350") (without mounting ears) *Models with output cable lacing bar installed
Weight (lb/kg):	8.5 / 3.9
Mounting (in/mm):	Rack mount; 19 or 23 / 483 or 584

Environmental	
Operating Temperature:	0 to 45°C
Humidity:	0 to 95% RH non-condensing
Elevation:	2000 m
Regulatory Compliance:	Safety: ANSI/UL 60950-1 (Some Models)

Connections	
Input Terminals:	1/4" Threaded stud; 5/8" CTC
Output Terminals:	Terminal block models: M3 (#6) screw terminal Connectorized models: Positive latching DC connector
Chassis Ground:	1/4" Threaded insert; 5/8" CTC



Figure 1. Terminal block output connections

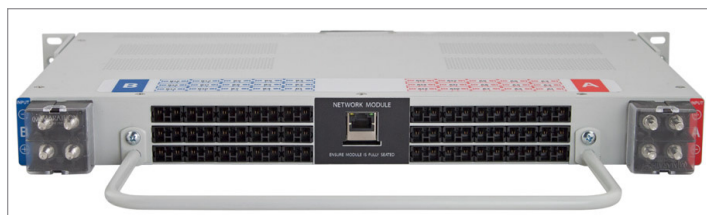


Figure 2. Connectorized output connections

Model Configurations	
Part Number	Description
C016-1871-10	GMT 125 Fuse Panel; 125A; 1RU; Dual Input; 10A/10B - 20A Max; LED Indicators; Terminal Block Outputs
C016-1875-10	GMT 125 Fuse Panel; 125A; 1RU; Dual Input; 10A/10B - 20A Max; Meter Module; Terminal Block Outputs
C016-1873-10	GMT 125 Fuse Panel; 125A; 1RU; Dual Input; 10A/10B - 20A Max; LED Indicators; Connectorized Outputs
C016-1877-10	GMT 125 Fuse Panel; 125A; 1RU; Dual Input; 10A/10B - 20A Max; Meter Module; Connectorized Outputs
C016-2050-10	GMT 125 Fuse Panel; 125A; 1RU; Dual Input; 15A/15B - 20A Max; LED Indicators; Terminal Block Outputs
C016-2052-10	GMT 125 Fuse Panel; 125A; 1RU; Dual Input; 15A/15B - 20A Max; Meter Module; Terminal Block Outputs
C016-2051-10	GMT 125 Fuse Panel; 125A; 1RU; Dual Input; 15A/15B - 20A Max; LED Indicators; Connectorized Outputs
C016-2053-10	GMT 125 Fuse Panel; 125A; 1RU; Dual Input; 15A/15B - 20A Max; Meter Module; Connectorized Outputs

Model Configurations (Smart Version)	
Part Number	Description
C016-2105-10	Smart GMT 125 Fuse Panel; 125A; 1RU; Dual Input; 10A/10B - 20A Max; Meter Module; Terminal Block Outputs; Per Channel Current Monitoring & Ethernet
C016-2101-10	Smart GMT 125 Fuse Panel; 125A; 1RU; Dual Input; 10A/10B - 20A Max; Meter Module; Connectorized Outputs; Per Channel Current Monitoring & Ethernet
C016-2106-10	Smart GMT 125 Fuse Panel; 125A; 1RU; Dual Input; 15A/15B - 20A Max; Meter Module; Terminal Block Outputs; Per Channel Current Monitoring & Ethernet
C016-2102-10	Smart GMT 125 Fuse Panel; 125A; 1RU; Dual Input; 15A/15B - 20A Max; Meter Module; Connectorized Outputs; Per Channel Current Monitoring & Ethernet

Accessories	
Part Number	Description
C750-278-10	Rear Rack Mounting Kit with Adjustable Lacing Bar; GMT 125; For Connectorized Models Only

Compatible GMT Fuses	
Part Number	Description
C460-014-10	1/4A GMT Fuse; 60VDC; Violet Flag
C460-042-10	1/2A GMT Fuse; 60VDC; Red Flag
C460-013-10	1A GMT Fuse; 60VDC; Gray Flag
C460-026-10	2A GMT Fuse; 60VDC; Orange Flag
C460-027-10	3A GMT Fuse; 60VDC; Blue Flag
C460-028-10	4A GMT Fuse; 60VDC; White/Brown Flag
C460-009-10	5A GMT Fuse; 60VDC; Green Flag
C460-012-10	7.5A GMT Fuse; 60VDC; Black/White Flag
C460-010-10	10A GMT Fuse; 60VDC; Red/White Flag
C460-011-10	15A GMT Fuse; 60VDC; Red/Blue Flag
C460-041-10	20A GMT Fuse; 60VDC; Green/White Flag



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