Westell® | Quick Connect GMT

GMT Fuse Panels

General Information

Telecomm networks are continuing to increase their data capacity and speeds. At the same time, wireless networks are increasing their bandwidth and density. To support these increases, network installations need to support higher density of equipment and the power systems need to support higher amperages.

Westell's newest family of GMT fuse panels addresses the evolving needs of network engineers, with the highest ampacity in the industry, 150A per bus at +55C and quick-connect outputs for unparalleled performance and usability.

Quick-connect outputs enable simple plug-and-play installation by eliminating the need for lugs and screw-down terminations, as well as enhancing wire management within the rack.

Product Highlights

- High input capacity of 160A per bus at +50C in a dual bus design enables the highest efficiency of power distribution in GMT fuse panel applications
- Maximum GMT output capacity of 20A supported for each fuse position
- Front and rear access models support standard and limited access network configurations
- Quick-connect output design allows for a stackable footprint to support optimized equipment layouts
- +65°C operation at >90% ampacity permits a single panel to be used in both outside and inside plant environments with the highest performance and reliability
- 10x10 and 15x15 dual bus models support both moderate and high density 19" rack width applications
- Made in the USA from greater than 60% USA content, built and shipped from Aurora, IL

Key Applications

- Wireless back-haul
- Centralized BBU front-haul
- Outside plant
- Walk in cabinets
- Mobile Telephone Switching Office (MTSO)

Specifications

Voltage	+\-24Vdc, +\-48Vdc
Input Bus	Dual
Current/Bus	125A @ 70C, 140A @ 65C, 150A @ 55C, 160A @ 50C
Input Terminals	Dual Stud ¼ -20 @ 5/8" C-C
Outputs/Bus	NPGMT150D10, -FFA: 10 NPGMT150D15, -FFA: 15
Current/Output	20A Max.
Output Terminals	2.4mm PRM Connectors
Ground Terminals	Dual Stud ¼ -20 @ 5/8" C-C
Alarms	LED @ Fuse Holders Dry-Form C NC, NO, C Pins
Dimensions W x H x D	Rear: 17" x 1.75" x 9.5" FFA: 17" x 3.5" x 4.75"
Weight	Rear: ~9 lbs FFA: ~8 lbs
Compliance	NEBS Level 3: Telecordia GR-63, GR-1089
Color	Off-White

Ordering Information

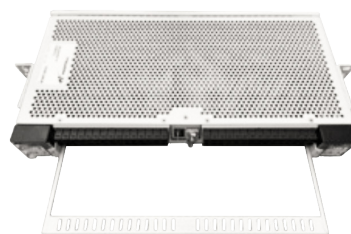| Part Number	Description	Product Image
NPGMT150D10	Quick-Connect GMT panel, dual bus, 150A/bus, Ten 20A GMT outputs/bus, output connectors, 19/23" rack mount, 1RU	
NPGMT150D15	Quick-Connect GMT panel, dual bus, 150A/bus, Fifteen 20A GMT outputs/bus, output connectors, 19/23" rack mount, 1RU	
NPGMT150D10-FFA	Quick-Connect GMT panel, dual bus, 150A/bus, Ten 20A GMT outputs/bus, output connectors, 19/23" rack mount, 1RU, full front access	
NPGMT150D15-FFA	Quick-Connect GMT panel, dual bus, 150A/bus, Fifteen 20A GMT outputs/bus, output connectors, 19/23" rack mount, 1RU, full front access	

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Accessories

Part Number	Description
531-400036	Tie bar for rear access panels only.
502-000427	Amphenol PRM2400 connector, plugs into panel receptacles.

GMT Fuses

Part Number	Description
FF-GMT2	2 Amp GMT fuse
FF-GMT3	3 Amp GMT fuse
FF-GMT5	5 Amp GMT fuse
FF-GMT10	10 Amp GMT fuse
FF-GMT15	15 Amp GMT fuse
FF-GMT20	20 Amp GMT fuse

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