



Power Distribution



Flexible, high quality, power distribution solutions

Power Distribution

Westell offers an extensive line of fuse, and breaker panels for secondary power distribution. Built in the USA, Westell leads the industry in performance, flexibility, value and product availability.

Features & Benefits

- Ensure protection of site equipment
- Full monitoring of blown fuses or breaker trips and loss of bus power
- Industry standard configurations
- Dual-bus designs for power redundancy
- Dual Voltage Panels (24 or 48Vdc Batteries)

Westell Power Distribution Products include:

- Fuse Panels
- Breaker Panels

Fuse Panels

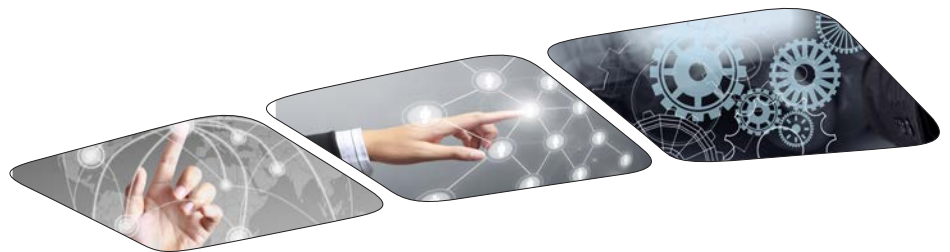
Westell offers a comprehensive selection of fuse panels for secondary power distribution. With multiple fusing options and installer friendly designs, the panels are ideal for wireless and wireline applications.

Features & Benefits

- Full monitoring of blown fuses and loss of bus power
- Industry standard configurations
- Dual-bus designs for power redundancy
- Quick delivery for standard configurations
- Polarity insensitive circuitry
- Universal voltage panels (12, 24, 48 or 130 VDC)
- High capacity 1/4" stud input blocks
- Offset output blocks
- LEXAN™ protective shields
- NRTL Listed for US and Canada
- NEBS Level III approvals

Westell Fuse Panels

- GMT Fuse Panels
- KLM Combination Fuse Panels
- TPA Combination Fuse Panels
- Type 70 Fuse Panels
- TPS Fuse Panels





GMT Fuse Panels

Protect your power infrastructure with Westell GMT Fuse Panels intended for secondary protection applications. With fuse counts from 5 to 30 per bus, alarm contacts, and individual fuse capacities up to 20 amps, Westell has the panel for your particular requirements.

Premise panels address applications where space is a premium, and fit and air flow are critical for success. Standard panels provide the highest capacities and densities for the most demanding systems.

Features & Benefits

- Full monitoring of blown fuses and loss of bus power
- Industry standard front and rear access configurations
- Dual-bus designs for power redundancy
- Quick delivery for standard configurations
- Polarity insensitive circuitry
- Universal voltage panels (12, 24, 48 or 130 VDC)
- High capacity 1/4" stud input blocks
- Offset output blocks
- NRTL Listed for US and Canada



NPGMT1012



NPGMT1107



N250140-N-L34



NPGMT1122



N250140-NCY-M3



NPGMT1707



GMT Premise Fuse Panels

As more network capability moves out to the edge, equipment installs may be made in limited space and access locations, such as closets, cabinets and high density racks. In these situations a panel must provide the necessary power distribution, within the fit and air flow requirements of the installation. Solutions may require a very shallow front access panel, or smaller front access panels.



A90-GMT10-WM



NPGMT1122



N250110-N-0803



NPGMT1125



NPGMT1305

Specifications

	Cabling Access	# of Bus	Positions per Bus	Amps per Bus	Max Fuse Size	Voltage	Height	Mounting Type
Single Bus								
A90-GMT10-WM	Front	1	10	100	15	+/-12, +/-24 or +/-48 Vdc	3"	Wall or Rack Mount
NPGMT1122	Front	1	10	70	15	+/-24 or +/-48 Vdc	1RU	19"/23" Racks
5x5, 15A								
N250110-N-0803	Front	2	5	50	15	+/-24 or +/-48 Vdc	1RU	19"/23" Racks
10x10, 20A								
NPGMT1125	Rear	2	10	100	20	+/-24 or +/-48 Vdc	1RU	19" Racks
NPGMT1305	Front	2	10	100	20	+/-12, +/-24 or +/-48 Vdc	1RU	23" Racks

Specifications subject to change without notice.





GMT Standard Fuse Panels

The majority of network installations are still done within the context of telecomm racks where ~10" depths provide the optimum for cable management. Westell standard GMT panels provide the highest levels of capacities and densities for the latest in network requirements.



N250120-N-L9/N250120-N-L33



NPGMT1711



NPGMT1717



NPGMT1727



NPGMT1722

Specifications

	Cabling Access	# of Bus	Positions per Bus	Amps per Bus	Max Fuse Size	Voltage	Height	Mounting Type
Single Bus								
NPGMT1711	Rear	1	30	200	20	+/-24 or +/-48 Vdc	1RU	19"/23" Racks
10x10, 15A								
N250120-N-L33	Front	2	10	100	15	+/-24 or +/-48 Vdc	2RU	19"/23" Racks
N250120-N-L9	Rear	2	10	100	15	+/-24 or +/-48 Vdc	1RU	19"/23" Racks
20x20, 15A								
N250140-N-L34	Rear	2	20	100	15	+/-24 or +/-48 Vdc	1RU	23" Racks
N250140-NCY-M3	Rear	2	20	100	15	-24 or -48 Vdc	1RU	19"/23" Racks
20x20, 20A								
NPGMT1717	Rear	2	20	125	20	+/-24 or +/-48 Vdc	1RU	23" Racks
15x15, 20A								
NPGMT1012	Rear	2	15	100	20	+/-24 or +/-48 Vdc	1RU	19"/23" Racks
NPGMT1727	Front	2	15	125	20	+/-24 or +/-48 Vdc	2RU	19"/23" Racks
NPGMT1712	Rear	2	15	125	20	+/-24 or +/-48 Vdc	1RU	19"/23" Racks
10x10, 20A								
NPGMT1107	Rear	2	10	100	20	+/-24 or +/-48 Vdc	1RU	19"/23" Racks
NPGMT1722	Front	2	10	125	20	+/-24 or +/-48 Vdc	2RU	19"/23" Racks
NPGMT1707	Rear	2	10	125	20	+/-24 or +/-48 Vdc	1RU	19"/23" Racks

Specifications subject to change without notice.



Utilities Fuse Panels

Protect your utilities DC power infrastructure with Westell Type 70, and GMT Fuse Panels intended for floating-ground, and secondary protection applications. With single and dual bus as well as floating-ground configurations, alarm contacts, and individual fuse capacities up to 15A, Westell has the panel for your particular requirements.

Features & Benefits

- Ideal for substation DC applications
- Full monitoring of blown fuses and loss of bus power in every panel
- Dual-bus designs available for power redundancy
- High capacity 1/4" stud input blocks
- Offset output blocks
- Cable tie bars
- Full rear LEXAN™ shield



180108-N-0808 / 180108-N48-0808



N280116-N130CY



N250120-N130CY

Specifications

	# of Bus	Positions per Bus	Amps per Bus	Max Fuse Size/Type	Voltage	Height	Rack Mount
180108-N-0808	1	8 +, 8 -	80A	10A / Type 70	130 Vdc	1RU	19"/23"
180108-N48-0808	1	8 +, 8 -	80A	10A / Type 70	48 Vdc	1RU	19"/23"
130216-F130DHY	1	16 +, 16 -	30A	10A / GMT	130 Vdc	2RU	19"/23"
N250120-N130CY	2	10	100A	15A / GMT	+/-130 Vdc	1RU	19"/23"
N280116-N130CY	2	8	80A	10A / Type 70	+/-130 Vdc	1RU	19"/23"

Specifications subject to change without notice.





KLM Combination Fuse Panels

Protect your power infrastructure with Westell KLM/GMT Combination Fuse Panels intended for secondary protection applications. With fuse counts from 2 to 10 per bus, alarm contacts, and individual fuse capacities up to 30A, Westell has the panel for your particular requirements.

Features & Benefits

- Full monitoring of blown fuses and loss of bus power in every panel
- Industry standard configurations
- Dual-bus designs for power redundancy
- Polarity insensitive circuitry
- Dual voltage panels (24 or 48 VDC batteries)
- High capacity 1/4" stud input blocks
- Cable tie bars



N21C224-NCY



N215116-N-L31

Specifications

	# of Bus	Positions per Bus	Amps per Bus	Max Fuse Size	Voltage	Height	Mounting Type
4x4 KLM, 4x4 GMT							
N215116-N-L31	2	4 KLM 4 GMT	150	30A/KLM 15A/GMT	+/-24 or +/-48 Vdc	1RU	19"/23" Racks
2x2 KLM, 10x10 GMT							
N21C224-NCY	2	2 KLM 10 GMT	100	30A/KLM 15A/GMT	+/-24 or +/-48 Vdc	2RU	23" Racks

Specifications subject to change without notice.



TPA Combination Fuse Panels

Protect your power infrastructure with Westell TPA/GMT Combination Fuse Panels intended for secondary protection applications. With fuse counts from 5 to 6 per bus, alarm contacts, and individual fuse capacities up to 50A, Westell has the panel for your particular requirements.

Features & Benefits

- Full monitoring of blown fuses and loss of bus power in every panel
- Industry standard configurations
- Dual-bus designs for power redundancy
- Polarity insensitive circuitry
- Dual voltage panels (24 or 48 VDC batteries)
- High capacity 1/4" stud input blocks



N215120-NCY



N215228-NCY



NPTPA1105



NPTPA1123



NPTPA1505



NPTPA1605

Specifications

	# of Bus	Positions per Bus	Amps per Bus	Max Fuse Size	Voltage	Height	Mounting Type
4x4 TPA, 6x6 GMT							
N215120-NCY	2	4 TPA 6 GMT	200	50A/TPA 15A/GMT	+/-24 or +/-48 Vdc	1RU	19"/23" Racks
NPTPA1105	2	4 TPA 6 GMT	160	50A/TPA 20A/GMT	+/-24 or +/-48 Vdc	1RU	19"/23" Racks
NPTPA1605	2	4 TPA 6 GMT	160	50A/TPA 20A/GMT	+/-24 or +/-48 Vdc	2RU	19"/23" Racks
4x4 TPA, 5x5 GMT							
N215118-N-L11	2	4 TPA 5 GMT	200	50A/TPA 15A/GMT	-24 or -48 Vdc	1RU	19"/23" Racks
NPTPA1123	2	4 TPA 5 GMT	120	50A/TPA 20A/GMT	+/-24 or +/-48 Vdc	1RU	19"/23" Racks
NPTPA1505	2	4 TPA 5 GMT	200	50A/TPA 20A/GMT	+/-24 or +/-48 Vdc	1RU	19"/23" Racks
4x4 TPA, 10x10 GMT							
N215228-NCY	2	4 TPA 10 GMT	200	50A/TPA 15A/GMT	-24 or -48 Vdc	2RU	19"/23" Racks

Specifications subject to change without notice.



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Breaker Panels

Breaker Panels intended to protect your capital investment. With single and dual bus configurations, field installed breaker counts up to 10 per bus, alarm contacts, and individual breaker capacities up to 100A, Westell has the panel for your particular requirements.

Features & Benefits

- Full monitoring of blown breakers and loss of bus power
- Dual-bus designs for power redundancy
- Full rear LEXAN™ shield
- Dual Voltage Panels (24 or 48 VDC and 120 or 240Vac panels)
- Breaker Fail Form C contacts
- ABS Fail alarms
- 3/8" holes on 1" center inputs

Westell Breaker Panels

- AC Circuit Breaker Panel:
 - A90-ACP4X4
- DC Circuit Breaker Panels:
 - A90-DCP10X10
 - A90-DCB8X8-R



A90-ACP4x4



A90-DCB8x8-R



A90-DCP10x10



120/240Vac 8-Slot AC Breaker Panels

Westell's latest AC pluggable breaker panels are a very cost-competitive solutions. With various Amperage options for both the main and distribution breakers, and each bus protected by a pluggable, Transient Voltage Suppressor (TVS), they are the perfect fit for any wireline or wireless application.



A90-ACP60A4x4

Features & Benefits

- Cost effective, compact design, expandable to suit your application
- 4 distribution slots per line
- Single-pole and dual-pole field replaceable breakers
- Each line is protected by a pluggable (field replaceable) transient voltage suppressor
- Generates an alarm when a Transient Voltage Suppressor (TVS) is damaged or when an AC breaker is tripped
- TVS provides front panel health status and is field replaceable
- 120/240 Vac configurable, offering network flexibility
- Optional, hinged, mounting bracket kits (both 19" and 23" rack kits) allow panel to be swung forward for easy access to rear connections
- ANSI/UL 60950-1 and CAN/CSA C22.2 No. 6950-1
- NEBS level 3 verified, with zone 4 earthquake

Specifications

	# of lines	Breaker Size (Input & Output)	Voltage	Height	Rack Mounting
AC Breaker Panel					
A90-ACP60A4X4	2/1	Dual Pole 60 Amp max Dual Pole 30 Amp max	120/240Vac	2RU	19"/23" Racks

Specifications subject to change without notice.





DC Circuit Breaker Panels

Westell's power distribution unit, the A90-DCP10X10 High Current DC Breaker/Fuse Panel, offers some of the industries highest amperages available in a compact high-density package.

With a dual 600 Amps bus, it is a perfect fit for applications limited on space and provides several options for protecting network equipment such as, breakers or fuses (TPS, TLS).

Westell's Low Current DC Breaker panel offers a compact 1RU panel for rear access applications. The dual bus panel, with input capacity above 150A, is a perfect fit for many applications within wireless power systems. With standard Westell panel features of wide operating voltage and temperature ranges, this panel exceeds the requirements of today's network.

Features & Benefits

- Pluggable field-replaceable UL489 listed breakers
- 8 position dual bus , 160 Amps per bus
- 10 position dual bus, 600 Amps per bus
- Front panel LEDs indicate power and alarm status
- Alarms when breaker is tripped
- Wide temperature range supports
- Extreme conditions
- 17" width fits all standard racks
- Clear UL rated polycarb cover protects terminal connections
- UL Listed and NEB 3 certified



A90-DCB8x8-R



A90-DCP10x10

Specifications

	# of Bus	Positions per Bus	Amps per bus	Max Breaker/ Fuse Size	Voltage	Height	Mounting Type
A90-DCB8X8-R	2	8	160A	30A	-24, -48 Vdc	1RU	19"/23" Racks
A90-DCP10X10	2	10	600A	100A Breaker 125A TLS Fuse	+/-24 and +/-48Vdc	3RU	19"/23" Racks

Specifications subject to change without notice.





About Westell

Westell Technologies, Inc., headquartered in Aurora, Illinois, is a leading provider of in-building wireless, intelligent site management, cell site optimization, and outside plant solutions focused on innovation and differentiation at the edge of telecommunication networks, where end users connect. The Company's comprehensive set of products and solutions enable telecommunication service providers, cell tower operators, and other network operators to reduce operating costs and improve network performance. Westell is a trusted partner for transforming networks into high quality, reliable systems.

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