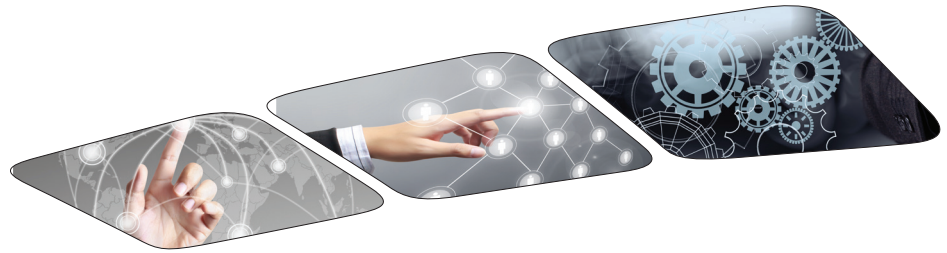




# Power Distribution

# Flexible, high quality, power distribution solutions



## Power Distribution

Westell offers an extensive line of fuse panels for secondary power distribution and breaker panels for primary protection applications. Built in the USA, Westell leads the industry in flexibility, price competitiveness, 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)

### Product offerings include:

#### Fuse Panels

- GMT Fuse Panels
- KLM and KLM Combination Fuse Panels
- TPA Combination Fuse Panels
- TPS/TPL/TPC/TLS Fuse Panels
- Type 70 Fuse Panels

#### Breaker Panels

- AC
- DC

Westell Power Distribution Products

# 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
- Cable tie bars
- Full rear LEXAN™ shield
- NRTL Listed for US and Canada
- NEBS Level III approvals

## Westell Fuse Panels

GMT Fuse Panels

KLM and KLM Combination Fuse Panels

TPA Combination Fuse Panels

TPS/TPL/TPC/TLS Fuse Panels

Type 70 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 20 per bus, alarm contacts, and individual fuse capacities up to 20 amps, Westell has the panel for your particular requirements.

## 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
- Cable tie bars
- Full rear LEXAN™ shield
- NRTL Listed for US and Canada



## Specifications

	# of Bus	Positions per Bus	Amps per Bus	Max Fuse Size	Voltage	Height	Mounting Type
<b>Single Bus, 15A</b>							
A90-GMT10-WM	1	10	100	15	+12, +24 or +48 Vdc	2 RU	Wall or Rack Mount
N11C120-NCY	1	20	100	15	+12, +24 or +48 Vdc	1 RU	19"/23" Racks
NMGMT1122	1	10	70	15	+12, +24 or +48 Vdc	1 RU	19"/23" Racks
N11C120-N130CY	1	20	100	15	+130 Vdc	1 RU	19"/23" Racks
<b>5x5, 15A</b>							
N250110-N-0803	2	5	50	15	+24 or +48 Vdc	1 RU	19"/23" Racks
N250110-NCY	2	5	75	15	+12, +24 or +48 Vdc	1 RU	19"/23" Racks
<b>10x10, 15A</b>							
N250120-N-L33	2	10	100	15	+12, +24 or +48 Vdc	1 RU	19"/23" Racks
N250120-N130CY	2	10	100	15	+130 Vdc	1 RU	19"/23" Racks
<b>20x10, 15A</b>							
N250140-NCY-M3	2	20	100	15	-24 or -48 Vdc	1 RU	19"/23" Racks
N250140-N-L34	2	20	100	15	+24 or +48 Vdc	1 RU	23" Racks
<b>5x5, 20A</b>							
N21C110-NCY	2	5	100	20	+24 or +48 Vdc	1 RU	19"/23" Racks
<b>15x15, 20A</b>							
NPGMT1012	2	15	100	20	+24 or +48 Vdc	1 RU	19"/23" Racks
<b>10x10, 20A</b>							
NPGMT1012	2	10	100	20	+24 or +48 Vdc	1 RU	19"/23" Racks
NPGMT1125	2	10	100	20	+24 or +48 Vdc	1 RU	19" Racks
NPGMT1305	2	10	100	20	+12, +24 or +48 Vdc	1 RU	23" Racks



# KLM and KLM Combination Fuse Panels

Protect your power infrastructure with Westell KLM and 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
- Full rear LEXAN™ shield



## Specifications

	# of Bus	Positions per Bus	Amps per Bus	Max Fuse Size	Voltage	Height	Mounting Type
<b>4x4 Dual Bus KLM</b>							
N215108-NCY	2	4	120	30A/KLM	+24 or +48 Vdc	1 RU	19"/23" Racks
<b>4x4 KLM, 4x4 GMT</b>							
N215116-N-L31	2	4x4 KLM 4x4 GMT	150	30A/KLM 15A/GMT	+24 or +48 Vdc	1 RU	19"/23" Racks
<b>2x2 KLM, 10x10 GMT</b>							
N215124-NCY-M1	2	2 KLM 10 GMT	150	30A/KLM 15A/GMT	-24 or -48 Vdc	1 RU	19"/23" Racks
N21C224-NCY	2	2 KLM 10 GMT	100	30A/KLM 15A/GMT	-24 or -48 Vdc	2 RU	23" Racks

# 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
- Cable tie bars
- Full rear LEXAN™



## Specifications

	# of Bus	Positions per Bus	Amps per Bus	Max Fuse Size	Voltage	Height	Mounting Type
<b>4x4 TPA, 6x6 GMT</b>							
NPTPA1105	2	4 TPA 6 GMT	160	50A/TPA 20A/GMT	+24 or +48 Vdc	1 RU	19"/23" Racks
<b>4x4 TPA, 5x5 GMT</b>							
NPTPA1123	2	4 TPA 5 GMT	120	50A/TPA 20A/GMT	+24 or +48 Vdc	1 RU	19"/23" Racks

# TPS/TPL/TPC/TLS Fuse Panels

Protect your power infrastructure with Westell TPS/TPL/TPC/TLS Fuse Panels intended for secondary protection applications. With single and dual bus configurations, fuse counts from 4 to 16 per bus, alarm contacts, and individual fuse capacities up to 125A, 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
- High-density designs
- Integrated returns (TPC)



## Specifications

	# of Bus	Positions per Bus	Amps per Bus	Max Fuse Size	Voltage	Height	Mounting Type
<b>4x4 TPC, 5x5 GMT</b>							
25C218-NCY	2	4 TPC 5 GMT	500	125A/TPC 15A/GMT	-24 or -48 Vdc	2 RU	19"/23" Racks
<b>4 Position Demarcation Panel TLS</b>							
NPTFD1009	4	1 TLS	125	125A/TLS	+/-24 or +/-48 Vdc	1 RU	19"/23" Racks



# Type 70 Fuse Panels

Protect your power infrastructure with Westell Type 70 Fuse Panels intended for secondary protection applications. With single and dual bus as well as floating configurations, alarm contacts, and individual fuse capacities up to 10A, Westell has the panel for your particular requirements.

## Features & Benefits

- Ideal for Hydro 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



## Specifications

	# of Bus	Positions per Bus	Amps per Bus	Max Fuse Size	Voltage	Height	Mounting Type
<b>8 Position Single Bus</b>							
<b>Type 70</b>							
180108-N-0808	1	8 Type 70	80	10A/Type 70	130 Vdc Typical, 119 to 150 Vdc Max.	1 RU	19"/23" Racks
<b>8x8 Type 70</b>							
N280116-N130CY	2	8 Type 70	160	10A/Type 70	+130 Vdc	1 RU	19"/23" Racks

# Breaker Panels



Breaker Panels intended to protect your capital investment. With single and dual bus configurations, field installed breaker counts up to 8 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

120/240Vac 8-Slot AC Breaker Panel: A90-ACP4X4

AC Breaker Panel: NPDRP1114

8x8 CD Breaker Panel: 99045CBP

DC Power Distribution Panel: High Current 600Amps/bus

# 120/240Vac 8-Slot AC Breaker Panel A90-ACP4X4

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



## 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
<b>AC Breaker Panel</b>					
A90-ACP4X4	N/A	Dual Pole 30 Amp max Single Pole 30 Amp max	120/240Vac	2 RU	19/23" Racks

# AC Breaker Panel: NPDRP1114

Protect your power infrastructure with Westell Breaker Panels intended for primary protection applications. With single and dual bus configurations, field installed breaker counts up to 8 per bus, alarm contacts, and individual breaker capacities up to 100A, Westell has the panel for your particular requirements.



## AC Breaker NPDRP1114 Panel Features & Benefits

- Full monitoring of breaker trips and loss of bus power in every panel
- Dual-bus designs for power redundancy
- Full rear LEXAN™ shield
- Dual Voltage Panels (24 or 48 VDC Batteries)
- Breaker Fail Form C contacts
- ABS Fail alarms
- 3/8" holes on 1" center inputs

## Specifications

	# of Bus	Positions per Bus	Amps per Bus	Max Breaker Size	Voltage	Height	Mounting Type
<b>AC Breaker Panel</b>							
NPDRP1114 Up to 6 DIN rail devices (one surge and 5 breakers)	N/A	N/A	N/A	60A/Breaker	120/240 Vac	1 RU	19"/23" Racks

# 8x8 CD Breaker Panel: 99045CBP

Protect your power infrastructure with Westell Breaker Panels intended for primary protection applications. With single and dual bus configurations, field installed breaker counts up to 8 per bus, alarm contacts, and individual breaker capacities up to 100A, Westell has the panel for your particular requirements.



## Features & Benefits

- Full monitoring of breaker trips and loss of bus power in every panel
- Dual-bus designs for power redundancy
- Full rear LEXAN™ shield
- Dual Voltage Panels (24 or 48 VDC Batteries)
- Breaker Fail Form C contacts
- ABS Fail alarms
- 3/8" holes on 1" center inputs

## Specifications

	# of Bus	Positions per Bus	Amps per Bus	Max Breaker Size	Voltage	Height	Mounting Type
<b>8x8 CD Breaker Panel</b>							
99045CBP	2	8 Breakers on 23" Panel	400	100A/CD Breaker	-24 or -48 Vdc	5 RU	23" Racks

# DC Power Distribution Panel

## High Current 600Amps/bus

Westell's power distribution unit, the DCP10X10 (DCP) 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 and TPC).



### Features & Benefits

- Compact 3-RU rack height
- Integrated return buss
- Pluggable field-replaceable breakers or fuses
- Accommodates mid-trip or non-midtrip breakers
- 10 position dual bus
- 600 Amps per bus
- +/- 24 and +/-48VDC operation
- Front panel LEDs indicate power and alarm status
- ANSI/UL 60950-1 and CAN/CSA C22.2 No. 60950-1

### Specifications

	# of Slots/Bus	Current/Bus	Bus Type	Voltage	Height	Mounting Type
<b>DC Power Distribution Panel</b>						
A90-DCP10X10	10 (20 per panel)	600 Ampx max	Dual Bus	+/-24 and +/-48VDC typical	3 RU	19"/23" Racks





## 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.

## Let's Talk More. Contact Westell Today!

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