

High Current 600Amps/bus DC Power Distribution Panel

General Information

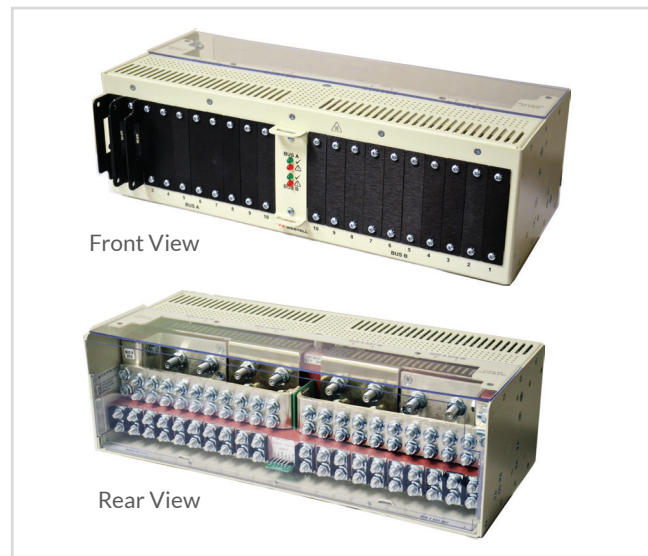
Westell's power distribution unit, the DCP10X10 (DCP) High Current DC Breaker/Fuse Panel, offers some of the industries highest amperages available in a compact high-density package. With a dual 600 Amps bus, it is a perfect fit for the applications limited on space and provides several options for protecting network equipment such as, breakers or fuses (TPS, TLS and TPC). With standard Westell panel features like wide operating voltage range (+/-24 to +/-48VDC) and cascading output lugs, this panel exceeds the requirements of today's networks.

Applications

- Distributed Antenna Systems (DAS)
- Mini BDFB or BDCBB
- Cell Tower
- Cell Backhaul
- DC Servers and Routers

Features & Benefits

- Compact 3-RU rack height
- Integrated return buss
- Pluggable field-replaceable breakers or fuses
- Accommodates mid-trip or non-mid trip breakers
- 10 position dual bus
- 600 Amps per bus
- +/-24 and +/-48VDC operation
- Front panel LEDs indicate power and alarm status
- Removeable alarm card generates alarm when breaker or fuse is tripped
- -40°C to +70°C
- Fits 19" and 23" racks
- Input cables enter from the top or straight out of the back with 90° lugs
- Output cable exits out the top or straight out of the back with 90° lugs
- ANSI/UL 60950-1 and CAN/CSA C22.2 No. 60950-1



Product Specifications

Voltage	+/-24 and +/-48VDC typical
Breaker Size	100 Amps max *
Current/Bus	600 Amps max
Current/Panel	1200 Amps
# of Slots/Bus	10 (20 per panel)
Bus Type	Dual Bus (Isolated A & B bus)
Breaker Type	Mid-trip or non-mid-trip
Fuse Type	TPS 70A max TLS 125A max TPC 125A max *
Inputs (A & B)	Two sets of dual 3/8" studs on 1" centers, max. lug width 1.6", up to 777 MCM DLO flex (narrow tongue lug), 1 or 2 input cables
Outputs (10[A], 10[B])	Two 1/4" studs on 5/8" centers, maximum lug width 0.650", up to 1/0 flex (narrow-tongue lug)
Alarm Block	.045 square wirewrap header
Alarm Relay Current	1 Amps/58 VDC max
Dimensions (chassis only, approx.)	5.13" H x 17" W x 7" D
Rack Mounting	19" or 23" Racks with 1" & 1-1/4" hole spacing
Weight	Approx. 25 lbs
Operating Temp	-40°C to +70°C (-40°F to +158°F)
Color	Off White

*Consult Westell for larger Amperage device

High Current DC Panel DCP10X10

Ordering Information

Part Number	Description
A90-DCP10X10	High Current DC Panel; 3 RUs high, with mounting ears for 19" or 23" rack mounting, dual bus, 600 Amps/bus, +/-24V or +/-48V operation, front panel LED indicators, pluggable field replaceable breakers or fuses
BR-DCPXXX-M1BUL	Mid-Trip single pole breaker with actuator guard (See below for part number details)
BR-DCPXXX-S1BUL	Non mid-trip single pole breaker with actuator guard (See below for part number details)
BR-DCPXXX-S2BUL	Non mid-trip dual pole breaker with two actuator guards
BR-DCPXXX-S3BUL	Non mid-trip triple pole breaker with three actuator guards
FF-DCPTFD-HLDR	TFD holder with extraction handle/guard (order TPS or TLS fuses separately)
FF-DCPTPC-HLDR	TPC holder with extraction handle/guard (order TPC fuses separately)

"XXX" - defines amperage

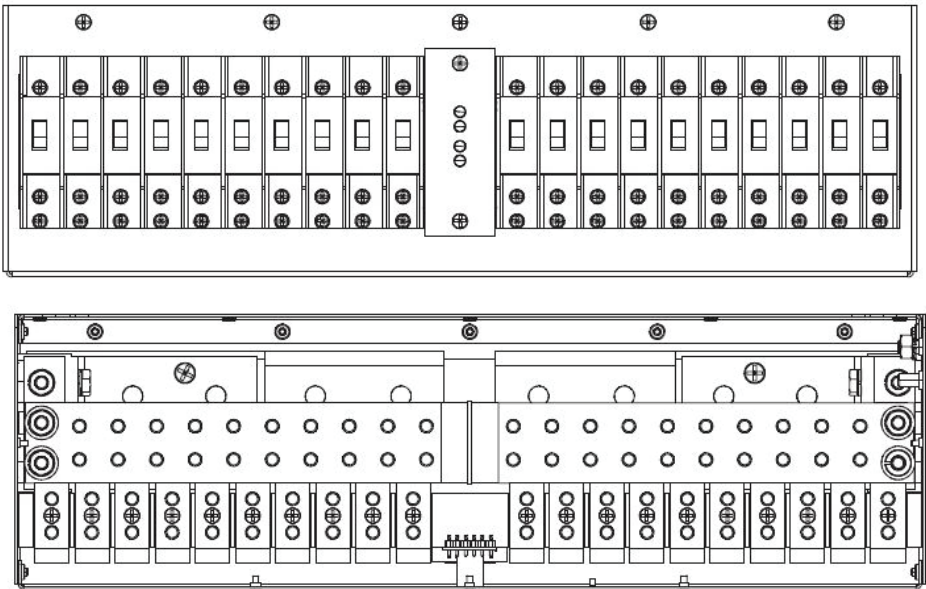
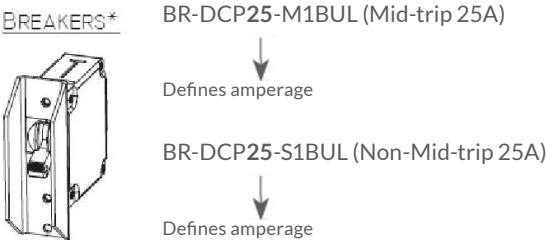
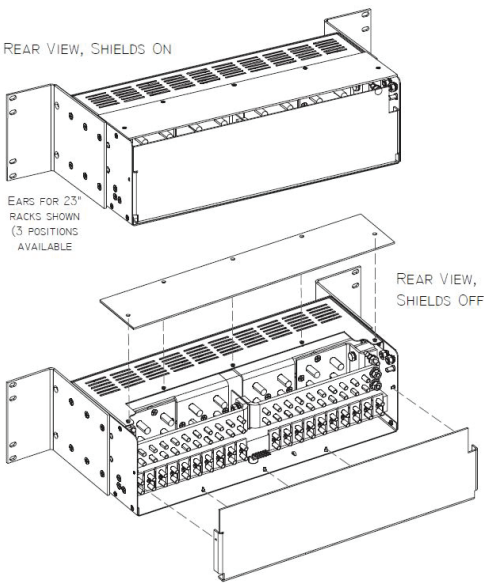
*10,15,20,25,30,40,50,60,70,80,90 and 100 Amp available for mid-trip and non-mid-trip

*125,150,175, and 200 Amp available for dual pole breakers

*225 and 250 Amp available for triple pole breakers

Order breakers or fuses separately.

TPS, TLS, TPC For a complete listing of fuses visit westell.com



Mechanical Drawings

