



# Low Current 160 Amps/Bus DC Breaker Power Distribution Panels

## General Information

Westell's power distribution units, the DCB8X8 (DCB) Low Current DC Breaker Panels offer a 1RU rear-access panel and a 2RU front-access panel for distributing power downstream. The dual 160 amps/bus panels are perfect fits for applications limited on space. With standard Westell panel features like dual operating voltage range and cascading output lugs, this panel exceeds the requirements of today's network.

## Product Highlights

- Compact 1-RU rack height, rear access
- 2-RU rack height, front-access
- Pluggable field-replaceable breakers
- 8 position dual bus
- 160 Amps per bus
- Front panel LEDs indicate power and alarm status
- Alarms when breaker is tripped
- -40°C to +70°C
- Fits 19" and 23" racks

## Applications

- Power system bulk output distribution
- Base-band units
- Cell tower
- Cell backhaul



A90-DCB8X8-R Rear Low Current DC Breaker Panel



A90-DCB8X8-FFA Full Front Access Low Current DC Breaker Panel

## Ordering Information

Part Number	Description
A90-DCB8X8-R	Low Current CB Panel, dual bus, 160A/bus, Eight 30A max CB outputs/bus, 1RU high with mounting ears for 19" or 23" rack mounting, front panel LED and rear panel dry contact alarm indication
A90-DCB8X8-FFA	Low Current CB Panel, dual bus, 160A/bus, Eight 30A max CB outputs/bus, 2RU high with mounting ears for 19" or 23" rack mounting, front panel LED and dry contact alarm indication, full front-access
BR-DCB5-S1	5A Airpax Snapak UL489
BR-DCB-7-5-S1	7.5A Airpax Snapak UL489
BR-DCB10-S1	10A Airpax Snapak UL489
BR-DCB-15-S1	15A Airpax Snapak UL489
BR-DCB20-S1	20A Airpax Snapak UL489
BR-DCB-25-S1	25A Airpax Snapak UL489
BR-DCB30-S1	30A Airpax Snapak UL489

Order breakers separately. For a complete listing visit [westell.com](http://westell.com)





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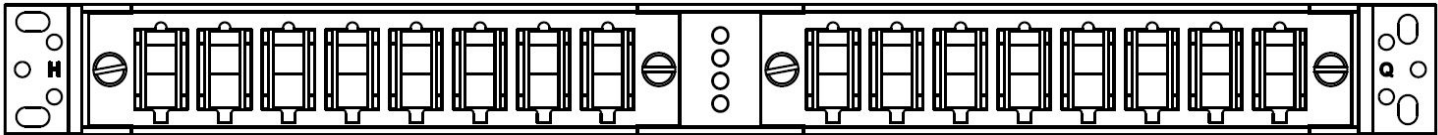
## Product Specifications

Voltage	+/-24 and -48 VDC typical
Breaker Size	30 Amps max
Current/Bus	160 Amps max
Current/Panel	320 Amps
# of Slots/Bus	8 (16 per panel)
Bus Type	Dual Bus (Isolated A & B bus)
Breaker Type	Pluggable field-replaceable
Inputs (A & B)	1/4" studs on 5/8" centers, max. lug width 0.710", up to 1/0 AWG flex wire
Outputs	#6 screw terminal, maximum lug width 0.375", up to 6 AWG with narrow-tongue lug
Alarm Block	#6 screw terminal, maximum lug width 0.320"
Alarm Relay Current	1 Amps/58 VDC max
Dimensions	Rear-Access: 1.73" H x 17" W x 12" D Full-Front-Access: 3.5" H x 17" W x 9" D
Rack Mounting	19" or 23" Racks with 1" & 1-1/4" hole spacing
Weight	Approximately 7.5 lbs (for either unit)
Operating Temp	-40°C to +70°C (-40°F to +158°F)
Color	Off White

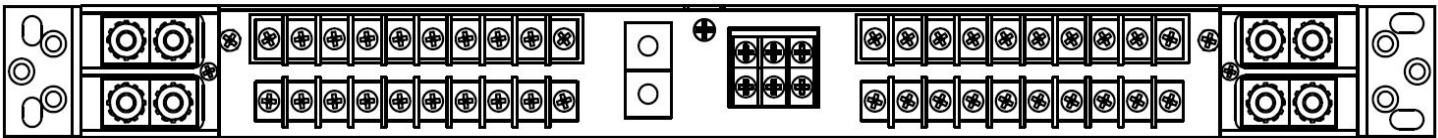


A90-DCB8X8-FFA, Front View

## Mechanical Drawings



Circuit Breakers View



Terminals View

A90-DCB8X8-R

