

Low Current DC Breaker Panels

General Information

Westell's Low Current DC Breaker panels offer either a compact 1RU panel for rear access applications or a 3RU front access version for long equipment power cable runs. The dual bus panels, with input capacities above 140A, are a perfect fit for many applications within wireless power systems. With standard Westell panel features of wide operating voltage and temperature ranges, these panels exceed the requirements of today's network.

Applications

- Distributed Antenna Systems (DAS)
- Remote Radio Head
- Cell Tower
- Cell Backhaul
- Radio Access Network equipment
- Primary Distribution

Features & Benefits

- Pluggable field-replaceable UL489 listed breakers
- 8 position dual bus (rear access)
- 6 position dual bus (front access)
- 160 Amps per bus (rear access)
- 140 Amps per bus (front access)
- 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



Product Specifications

Voltage (typical)	-12, -24, -48 Vdc + voltage w/ UL1077 recognized breakers
Breaker Size	30 Amps max
Current/Bus	160A (rear access) 140A (front access)
Current/Panel	320A (rear access) 280A (front access)
# of Outputs/Bus	8 (rear access) 6 (front access)
Bus Type	Dual (Isolated A & B)
Inputs	¼-20 studs, 5/8" C-C, max lug width 0.71"
Outputs	#8 screw, max lug width 0.375" (rear access) ¼-20 studs, 5/8" C-C, max lug width 0.62" (front access)
Alarm Block	#6 screw, max lug width 0.32" (rear access) .045" sq wire wrap (front access)
Alarm Relay Current	1 A @ 58Vdc
Dimensions	1.75"x17"x11.7" (rear access) 5.25"x17"x6" (front access)
Rack Mounting	19" or 23"
Operating Temp	-20° C to +60° C
Color	Off White

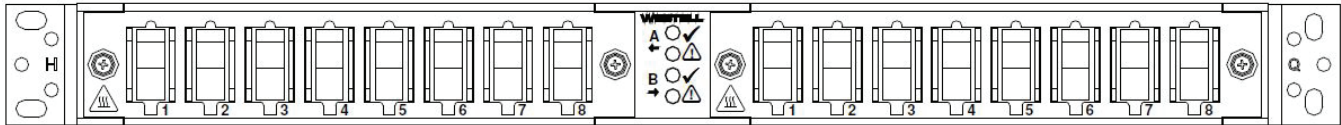
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Ordering Information

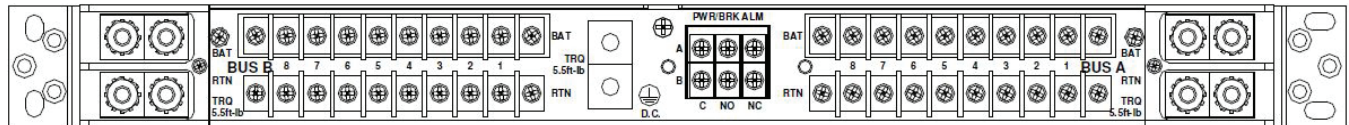
Part Number	Description		
A90-DCB8X8-R	Low Current CB Panel, dual bus, 160A/bus, Eight 30A max CB outputs/bus, 1RU high with mounting ears for 19" or 23" rack mounting, front panel LED and rear panel dry contact alarm indication		
A90-DCB6X6-FV	Low Current DB Panel, dual bus, 140A/bus, Six 30A max CB outputs/bus, 3RU high with mounting ears for 19" or 23" rack mounting, front panel LED and dry contact alarm indication		
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		

Mechanical Drawings

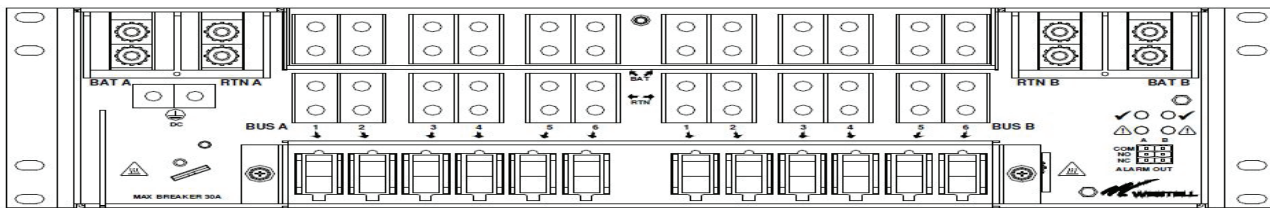
A90-DCB8X8-R Front View



A90-DCB8X8-R Rear View



A90-DCB6X6-FV Front View



A90-DCB6X6-FV Rear View

