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Low-Current Circuit Breaker Panels

Dual-Feed 7/7-Position, 100A Input, 1 RU, Universal Operating Voltage

Overview

Gain the convenience of circuit breakers for traditional power distribution with this factory-configured panel.

Choose from a broad range of configurations with various circuit breaker values to meet the specifics of your application — all breakers are pre-loaded so you receive a panel that's ready to be deployed directly into the equipment rack.

Applications

- Central office
- Remote site
- Wireless networks
- Enterprise

Primary Benefits

- Universal ±24/-48 operating voltage fits traditional telecom and "next-gen" networks
- Panel ships with circuit breakers installed to simplify and accelerate installation and deployment
- Robust input connections accept secure two-hole compression lugs (up 125A input interrupt device rating)
- Intelligent, removable alarm card includes breaker alarm reset feature to allow unused breakers to remain off without producing an unwanted alarm condition
- Variety of configurations available to fit a broad range of applications
- Optional 50A thermal input breakers provide additional protection for power entering the panel
- 1 RU footprint maximizes rack space



Sample configuration — front view



Sample configuration — rear view

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Dual-Feed 7/7-Position, 100A Input, 1 RU, Universal Operating Voltage

Ordering Information

Circuit Breakers Included	Input Breaker	Telect Part Number
Three 10A, four 5A	Yes	T009-50005555AAA*
Five 15A, two blanks	Yes	T009-5010FFFFF00
Two 15A, one 10A, two 3A, two 1A	Yes	T009-5010-F1F1A33RE
Four 15A, one 10A, one 3A, one 1A	Yes	T009-5010FFFF3A1
Four 15A, two 3A, one 1A	Yes	T009-5010FFFF331RE
Four 15A, two 1A, one 3A	Yes	T009-5010FFFF131RE
Three 5A, two 10A, two 3A	Yes	T009-500033555AA
Seven 10A	Yes	T009-5010AAAAAAA
Seven 10A	No	T009-5030-AAAAAAA
Three 20A, one 10A, two 5A, one 3A	No	T009-5030KKKA553
Four 10A, two 5A, one 3A	No	T009-5330AAAA553
Four 15A, two 5A, one blank	No	T009-503055FFFF0
One 10A, two 5A, four 1A	No	T009-5330A551111

*Part number T009-50005555AAA features screw-tight horizontal inputs. All others feature 2-hole compression lug input connectors (5/8" center-to-center).

Circuit breaker values are denoted in part numbers as follows:

0 = Blank
1 = 1A
3 = 3A
5 = 5A
A =10A
F = 15A
K = 20A

See more power distribution solutions, additional product documentation and much more online at Telect.com.

Specifications

Electrical	
Nominal voltage	±24V, -48V
Input rating	100A per bus
Max. input interrupt device	125A
Max. output protection device	20A
Power dissipation (full load)	20W per bus
Mechanical	
Dimensions	17.25" W x 1.75" H x 8" D (438 mm x 45 mm x 203 mm)
Weight	12 lbs. (5.44 kg)
Material	Cold-rolled steel
Finish	Black, powder coat
Mounting	19" or 23"
Environmental	
Temperature range	-10° to 55° C
Humidity	0 to 90%, non-condensing
Connections	
Input terminals	2-hole compression lug, 5/8" center-to-center (Note: Part number T009-50005555AAA features screw-tight horizontal inputs)
Output terminals	Wire binding
Chassis ground	Single or double-hole compression lug, 5/8" center-to-center
Alarms	
Alarm indicators	Power, breaker alarms
Alarm type	Form C
Alarm connector	Screw down, wire binding
Relay contact ratings	0.6A at 48 VDC; 2A at 30 VDC
Compliance	
Agency compliance	NEBS 3, UL, CE

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