

# Low-Current Circuit Breaker Panels

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

## 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 is ready to be deployed directly into the equipment rack.

## Applications

- Central office
- Remote site
- Wireless network
- Enterprise

## Primary Benefits

- Universal  $\pm 24/-48$  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 to 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
- 1RU footprint maximizes rack space



Sample Configuration – Front View



Sample Configuration – Rear View

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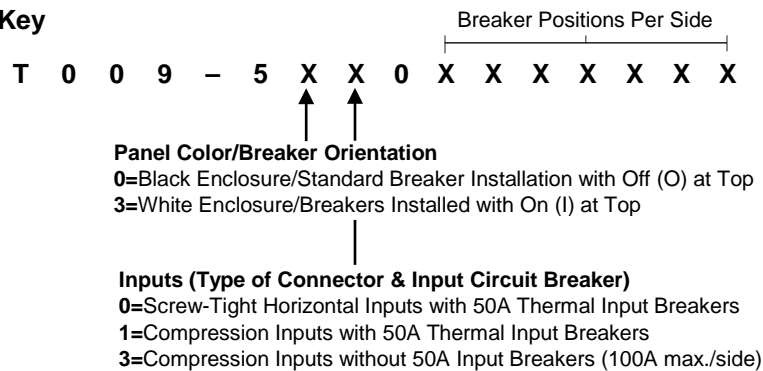
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## Ordering Information

Circuit Breakers Included	Input Breaker	Part Number
Seven 3A	Yes	T009-5000333333*
Two 3A, three 5A, two 10A	Yes	T009-500033555AA*
Four 5A, three 10A	Yes	T009-50005555AAA*
Seven 10A	Yes	T009-5010AAAAAAA*
Seven 10A	No	T009-5030AAAAAAA
Three 20A, two 10A, two 5A	No	T009-5030KKKAA55
Five 20A, one 5A	No	T009-5030KKKKK50
Five 20A, one 15A, one 5A	Yes	T009-5030KKKKKF5
Seven 20A	Yes	T009-5030KKKKKKK
One 10A, two 5A, four 1A	No	T009-5330A551111
Four 10A, two 5A, one 3A	No	T009-5330AAAA553
One 20A, three 15A, one 10A, one 5A, one 3A	No	T009-5330KFFFA53

\* Part number T009-5000XXXXXX features screw-tight horizontal inputs

## Key



Circuit breaker values are denoted in part numbers as follows:

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

Replacement Circuit Breakers	Part Number
1 Amp	129316RC
3 Amp	129317RC
5 Amp	129318RC
10 Amp	129320RC
15 Amp	129321RC
20 Amp	129322RC
<b>Note:</b> 20A breakers can only replace pre-configured 20A breaker positions.	

## Specifications

Electrical	
Nominal voltage	±24, -48 VDC
Input rating	100A per feed (40A per feed with input breaker)
Max. input interrupt device	125A
Max. output protection device	20A
Power dissipation (full load)	0.2 Watts/Amps 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 (certain configurations sold in white only)
Mounting	19" or 23" EIA/WECO
Environmental	
Temperature range	-5° to 55° C
Humidity	0 to 90%, non-condensing
Connections	
Input terminals*	Dual stud, M5 on 5/8" center
Output terminals	Screw terminal, #6
Chassis ground	Single or dual, M5 on 5/8" centers
Alarm	
Indicators	Power and breaker alarms
Type	Form C
Connector	Screw terminal, #3
Relay contact ratings	0.6A at 48 VDC
Compliance	
Agency compliance	NEBS Level 3, UL Listed

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