

High-Current Demarcation Panel

Four Circuit Breaker Positions up to 100A Each, 100A Input per Bus

Overview

Designed specifically to provide a demarcation point for large power feeds between primary distribution and network equipment, the demarcation panel can handle four loads of up to 100A each. Bullet-style circuit breakers provide an additional layer of protection and access for each pass-through feed.

Applications

- Demarcation/hand-off
- Co-locate
- Central office
- DSLAMs
- Internet routers

Primary Benefits

- Highest level of power density available in a one rack unit panel
- Easy-to-install bullet-style circuit breakers (up to 100A) simplify installation and configuration
- Input and output connections accept two-hole compression lugs
- Removable alarm card features alarm cut-off switches for each circuit breaker to silence alarms for maintenance purposes
- UL Listed, cUL, NEBS3, CE

Notes: Panel ships without circuit breakers. Mounting faceplate and breakers must be ordered separately. See page two for ordering information. A TPC or TPS/TLS fuse version of this panel is also available (Telect part number 009-7001-0104).



009-7000-0104
Front view



009-7000-0104
Rear view

High-Current Demarcation Panel

Four Circuit Breaker Positions up to 100A Each, 100A Input per Bus

Ordering Information

Description	Part Number
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High-current demarc breaker panel	009-7000-0104
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Circuit Breakers

Circuit breakers include 1 breaker and 1 mounting faceplate kit.

1A	090-0052-0001
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2A	090-0052-0002
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5A	090-0052-0005
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10A	090-0052-0010
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20A	090-0052-0020
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25A	090-0052-0025
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30A	090-0052-0030
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40A	090-0052-0040
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50A	090-0052-0050
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60A	090-0052-0060
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70A	090-0052-0070
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80A	090-0052-0080
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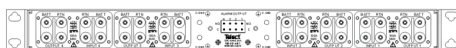
90A	090-0052-0090
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100A	090-0052-0100
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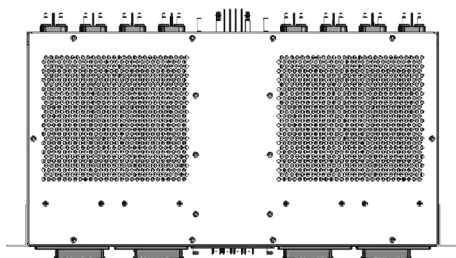
Additional Items

Circuit breaker faceplate kit (without circuit breaker)	090-0001-0002
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Replacement faceplate blank kit	090-0001-0003
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REAR VIEW



TOP VIEW



FRONT VIEW

Specifications

Electrical

Nominal voltage	±24V, -48V
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Input rating	100A per bus
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Max. input interrupt device	125A
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Max. output protection device	100A
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Power dissipation (full load)	17W per bus
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Mechanical

Dimensions	17" W x 1.75" H x 9" D (483 mm x 45 mm x 229 mm)
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Weight	11 lbs. (4.99 kg)
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Color	White
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Finish	Powder coat
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Mounting	19" or 23"
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Environmental

Temperature range	-5° to 55° C
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Humidity	0 to 90%, non-condensing
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Connections

Input terminals	2-hole compression lugs, M5 studs on 5/8" centers
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Output terminals	2-hole compression lugs, M5 studs on 5/8" centers
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Chassis ground	2-hole compression lugs, M5 studs on 5/8" centers
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Alarms

Alarm indicators	Power, breaker alarms
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Alarm type	Form C
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Alarm connector	0.045" square pin
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Relay contact ratings	0.6A at 48 VDC; 1A at 120 VAC
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Compliance

Agency compliance	UL Listed, cUL, NEBS 3, CE
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