

Dual-Feed Rear Output Circuit Breaker Panel

Power :: High-Current Circuit Breaker Panel

Overview

Minimize the need for an additional battery distribution frame by bringing power management closer to network elements with this dual-feed high-current circuit breaker panel. A modular design provides customization, as well as enabling maintenance on single circuits while other output lines are live.

The panel's configurable design is ideal for remote locations requiring comprehensive power management capabilities on one panel. Users can configure the panel with up to 100A breakers and deploy a high-powered panel (up to 400A total) in just three rack units of space. Convenient circuit breakers enable simple installation, replacement and power restoration.

Sides A & B of the panel are totally isolated, providing battery protection and reduced risk of complete power failure. A replaceable alarm card contains power and alarm LEDs for both feeds.

Primary Benefits

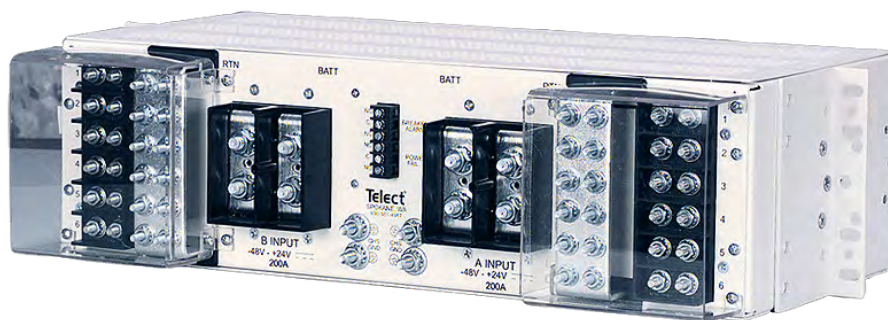
- **Flexibility:** Easy to install bullet-style breakers (1A to 100A each) make breaker installation and reconfiguration safe and simple.
- **Robust input connections:** Accept secure two-hole compression lugs up to 2/0 AWG.
- **Large output connections:** Two-hole compression lug output terminals accept up to #2 AWG to support large breaker values.
- **Security:** Individual breaker faceplate design makes each breaker individually accessible and provides physical protection of the toggle from inadvertent tripping.
- **Universal voltage** automatically accepts $\pm 24V$, $-48V$
- **Added safety:** Covers are included for all input and output power connections.

Applications

- Co-locate
- Demarc
- Secondary distribution
- Small primary distribution (premise, remote)



Front View



Rear View

Dual-Feed Rear Output Circuit Breaker Panel

Power :: High-Current Circuit Breaker Panel

Specifications

Mechanical

- 19" W x 4.97" H (3RU) x 7.99" D
(48.2 cm x 12.36 cm x 20.31 cm)
- 19 lbs. (8.648 kg); 22 lbs. (10kg) shipping weight without breakers
- 19" or 23" with EIA or WECO hole spacing brackets provided
- Panel comes with brackets in 19" configuration
- Output lugs: 2-hole compression lug, #10 stud size on .625" center hole spacing; size up to #6 AWG
- Input lugs: 2-hole compression lug, 5/16" stud size on 1" center hole spacing; size up to 4/0 AWG
- Ground lugs: 2-hole compression lug, 1/4-20 stud size on 5/8" center hole spacing; size up to #1 AWG

Electrical

- Max. continuous input load rating: 200 amps per input; sides A & B isolated
- Max. input interruption device rating: 250 amps per input
- Max. continuous output load rating: 100 amps per circuit breaker (6 breaker positions available per side)
- Standard removable alarm card:
 - Green LEDs indicate power applied to sides A & B
 - Red LED indicates any breaker failure
 - Form C alarm relay contact for power alarms
 - Form C alarm relay contact for breaker failure alarm
 - Form C contacts rated to 2A at 30 VDC, 0.6A at 60 VDC, 1A at 120 VAC
- Operating temperature range: from 55°C (131° F) to -10°C (14° F)
- Power dissipation at full load: 20 W per side at 9600 W (200 amps x 48V) per side
- Operating voltages: -20 to -60 VDC, +20 to +30 VDC
- Interrupt device: Airpax LEL or Carling C1 series circuit breaker with bullet terminals; from 1 to 100 amps
- Humidity up to 95%

Agency Compliance

- NEBS Level 3 certified
- UL listed
- CE Mark

Warranty

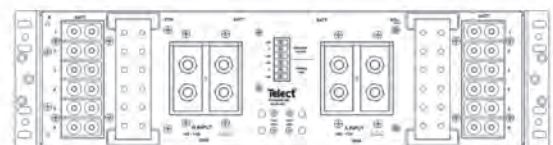
- Telect Power Products are covered by a comprehensive 5-year warranty

Accessories

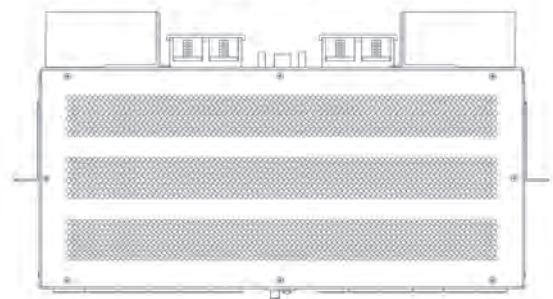
Part Number	Description
400223	REPLACEMENT ALARM CARD
090-0001-0002	CIRCUIT BREAKER FACEPLATE KIT (without breaker)
090-0001-0003	REPLACEMENT FACEPLATE BLANK KIT

Ordering Information

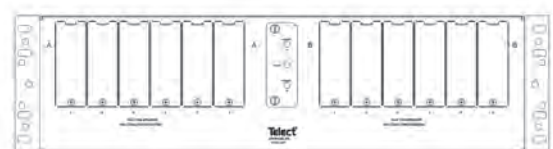
Part Number	Description
	Panels
009-6212-2100	Dual-feed rear output circuit breaker panel
Circuit Breaker Kits (comes with 1 breaker, mounting faceplate kit)	
090-0052-0001	1 amp
090-0052-0002	2 amp
090-0052-0005	5 amp
090-0052-0010	10 amp
090-0052-0020	20 amp
090-0052-0025	25 amp
090-0052-0030	30 amp
090-0052-0040	40 amp
090-0052-0050	50 amp
090-0052-0060	60 amp
090-0052-0070	70 amp
090-0052-0080	80 amp
090-0052-0090	90 amp
090-0052-0100	100 amp



REAR VIEW



TOP VIEW



FRONT VIEW