

High-Current Demarcation Panel

Power :: Four Positions up to 125A Each, TPS and TLS Fuses, Circuit Breakers



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 125A each. Each of the four independent positions handles TFD fuse holders or bullet-style standard trip circuit breakers. A replaceable alarm card contains power and alarm LEDs.

Primary Benefits

- Highest level of power density available in a 1RU panel
- TPS (up to 70A) and TLS fuses (up to 125A) and circuit breakers (up to 100A) add versatility for a variety of applications
- Input/output connections accept 2-hole compression lugs, 1/4-20
- Removable alarm card features power and alarm LEDs

Applications

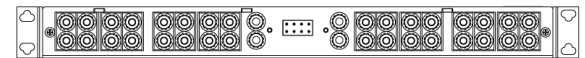
- Demarcation/hand off
- Central office
- Co-location
- DSLAMs
- Internet routers



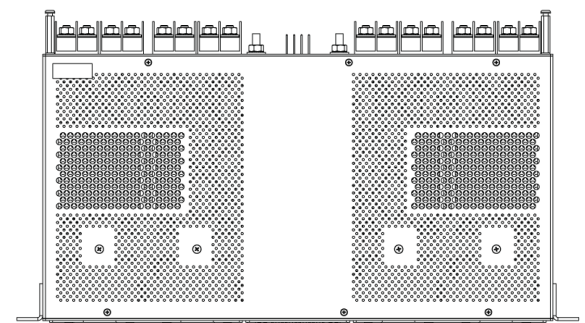
Fig. 1: 009-7001-0104B Front View



Fig. 2: 009-7001-0104B Rear View



Rear View



Top View



Front View

009-7001-0104B-TFD

Ordering Information Panels

Description:	Part Number:
High-current demarc fuse panel	009-7001-0104B
High-current demarc fuse panel w/TFD holders	009-7001-0104B-TFD

Fuses & Circuit Breakers

Description:	Part Number:	Description:	Part Number:
TPS			
5A	130481	30A	130478
10A	130485	40A	130482
15A	130487	50A	130484
20A	130489	60A	130486
25A	130476	70A	130488
TLS			
80A	140640	110A	140643
90A	140641	125A	140644
100A	140642		
Circuit Breakers			
5A	090-0052-0005	50A	090-0052-0050
10A	090-0052-0010	60A	090-0052-0060
20A	090-0052-0020	70A	090-0052-0070
25A	090-0052-0025	80A	090-0052-0080
30A	090-0052-0030	90A	090-0052-0090
40A	090-0052-0040	100A	090-0052-0100

Specifications

Electrical	
Nominal Voltage	±24, -48 VDC
Input rating	125A per feed
Max. input interrupt device	157A
Max. output protection device	125A
Power dissipation (full load)	0.2 Watts/Amp per bus
Mechanical	
Dimensions	17.25"W x 1.75"H x 10.4"D (438mm x 25mm x 264mm)
Weight	009-7001-0104B: 11 lbs. (4.99 kg) 009-7001-0104B-TFD: 12.25 lbs
Material	Cold-rolled steel
Finish	White, powder coat
Mounting	19" or 23" EIA/WECO
Environmental	
Temperature range	-5° to 55° C
Humidity	0 to 90%, non-condensing
Connections	
Input terminals	Dual stud, 1/4"-20 studs on 5/8" centers
Output terminals	Dual stud, 1/4"-20 studs on 5/8" centers
Chassis ground	Dual stud, 1/4"-20 studs on 5/8" centers
Alarms	
Alarm indicators	Power, breaker/fuse alarms
Alarm type	Form C
Alarm connector	0.045" square pin
Relay contact rating	0.6A at 48 VDC
Agency Compliance	
Certifications	NEBS Level 3, UL Listed
CLEI Code	
009-7001-0104B-TFD	PBMYAFFPRA

Visit amphenol-ns.com for our full line of power distribution panels, systems and accessories.