Dual-Feed 350A 4/10 TPS/TLS and GMT Fuse Panel

Overview

Handle up to 100A per fuse and maintain traditional low-current distribution in one compact system with Telect's TPS/TLS and GMT fuse panel. Each TFD holder is rated as a disconnect device to simplify maintenance — a feature usually limited to larger fuse styles or circuit breakers.

Key applications include remote or small locations as a primary distribution unit to feed other smaller power distribution panels, or to power energy-hungry equipment such as larger routers or DSLAMs that require between 50A and 100A per feed.

All of these features fit in a space-saving 2 RU system with up to a 750 MCM connector on each input.

Applications

- DSL
- Central office
- Secondary distribution
- Small primary distribution (premise, remote)
- Co-locate
- Wireless

Primary Benefits

- Robust input connections: Accept secure two-hole compression lugs up to 750 MCM
- Easy cable management: Specifically designed to allow all power connections on a single cabling surface to prevent unnecessary bending and routing of large cables
- High power density: An industry-leading input interrupt device rating of 450A per feed provides power to more fully utilize the 4 TPS/TLS and 10 GMT fuses
- Large range of output amperages: 3 to 100A TPS/TLS fuses; up to 15A GMT fuses
- Versatile wire-binding GMT output connections: Accept either bare or compression-lug cable
- Added safety: Clear rear cover included to protect connections and allow for visual inspection

Note: Panel does not include fuses. See reverse page for TPS/TLS and GMT fuse ordering information.

009-8008-1410-TFD Front View

009-8008-1410-TFD Rear View

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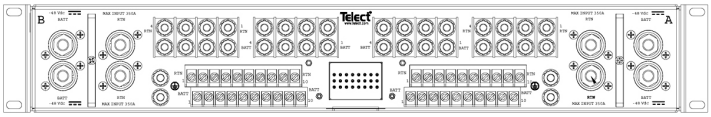
Specifications

Electrical	
Nominal voltage	-48 VDC
Input rating	350A per bus
Max. input interrupt device	450A per feed
Max. output protection device	70A TPS fuse; 100A TLS fuse; 15A GMT fuse
Power dissipation (full load)	90W per bus
Mechanical	
Dimensions	21.25" W x 3.5" H x 13" D 54 cm x 9 cm x 33 cm
Weight, without breakers	20 lbs. (9 kg)
Material	Cold-rolled steel
Finish	Black, powder coat
Mounting	23", EIA/WECO
Environmental	
Temperature	-10°C (14°F) to 55°C (131°F)
Humidity	0 to 90%, non-condensing
Connections	
Input terminals	Dual 3/8" studs on 1" centers
Output terminals	Dual 1/4"-20 studs, 5/8" centers (TPS/TLS); Screw terminal, #6 (GMT)
Chassis ground	1/4"-20 studs on 5/8" centers
Alarms	
Alarm indicators	Power and fuse alarms
Alarm type	Form C
Alarm connector	Wire wrap
Relay contact ratings	1A at 60 VDC; 2A at 30 VDC
Compliance	
Agency compliance	NEBS Level 3, UL

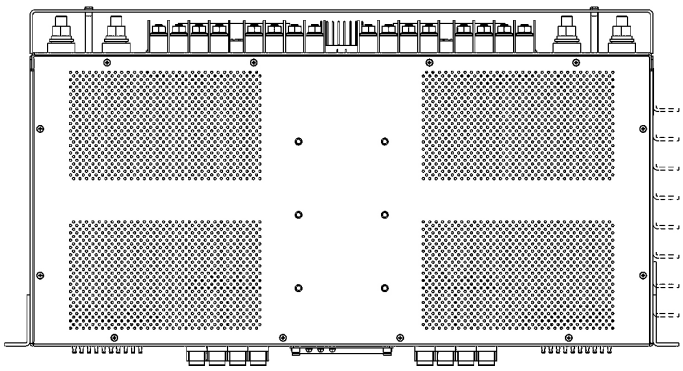
Ordering Information

Description			Part Number
Dual-feed 350A 8/10 TPC/GMT fuse panel			009-8008-1410
Fuses			
TPS	**Part Number**	**TPS**	**Part Number**
5A	130481	30A	130478
10A	130485	40A	130482
15A	130487	50A	130484
20A	130489	60A	130486
25A	130476	70A	130488
TLS	**Part Number**	**TLS**	**Part Number**
80A	140640	100A	140642
90A	140641		
GMT	**Part Number**	**GMT**	**Part Number**
18/100A	130781	3A	004012
1/4A	100151	3-1/2A	130782
1/2A	004001	4A	004013
3/4A	004008	5A	004014
1A	100991	7-1/2A	004010
1-1/3A	004006	10A	004015
1-1/2A	004011	12A	102287
2A	004002	15A	102288
2-1/2A	130783	Dummy, plastic	132748

Front view



Rear view



Top view

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