Dual-Feed 100A 4/4 KLM/GMT Fuse Panel

Power :: Universal ±24V/-48V, Max. 30A Fuses

Overview

Transition to higher current demands while maintaining traditional low-current distribution with this versatile 4/4 KLM/GMT fuse panel. In just one rack unit, this dual-feed fuse panel fits eight 30A KLM fuses (four per side) and eight 15A GMT fuses (four per side).

For critical applications, a load sharing option automatically pulls the entire power load from one side of the panel if the other power feed is lost.

A removable alarm card includes power and alarm LEDs for both feeds. A simple, versatile intermediate-current solution, the KLM/GMT fuse panel helps you maximize space and manage power for various network elements in one unit.

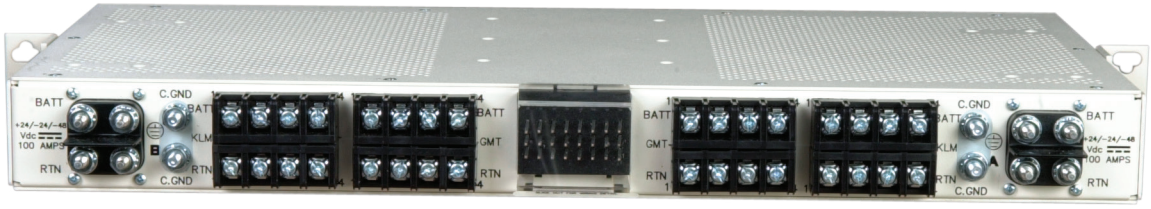
Applications

- Co-locate
- Wireless
- Central office
- Remote sites
- Secondary distribution

Primary Benefits

- **High power density:** 125A input interrupt device rating per side (dual feed) in one rack unit
- **Additional redundancy:** Advanced load sharing option ensures power remains on to all fuse positions as long as one input is powered
- **Large range of output amperages:**
  - 1-30A per KLM fuse output
  - 18/100-15A per GMT fuse output
- **Versatile wire binding output connections:** Accept either bare or compression-lug cable
- **Robust input connections:** Accept secure two-hole compression lug cable
- **Multiple voltages:** Automatically accepts ±24V, -48V
- **Sophisticated alarming:** Intelligent, removable alarm card features a KLM alarm reset feature and requires no extra alarming fuses
- **RoHS 6/6 compliant** panel is available (009-8004-0104RC)

Front View



Rear View

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Specifications

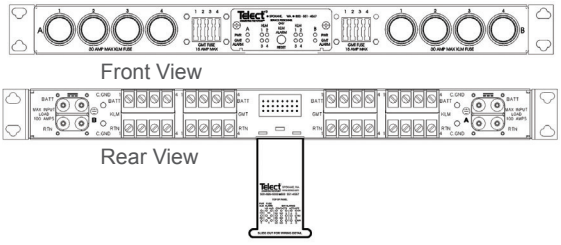
Electrical	
Nominal voltage	±24V, -48V
Input rating	50A per bus w/ load sharing option
Max. input interrupt device	125A
Max. output protection device	30A KLM; 15A GMT
Power dissipation (full load)	75.5W
Mechanical	
Dimensions	17.5" W x 1.75" H x 9" D (445 mm x 45 mm x 229 mm)
Weight	7 lbs. (3.65 kg)
Color	White
Finish	Powder coat
Mounting	19" or 23"
Environmental	
Temperature range	-5° to 55° C
Humidity	0 to 90%, non-condensing
Connections	
Input terminals	2-hole compression lug, 10-32 on 5/8" centers
Output terminals	Screw terminal, #8
Chassis ground	Two # 10-32 studs on 5/8" centers
Alarms	
Alarm indicators	Power, fuse alarms
Alarm type	Form C
Alarm connector	0.045" square pin
Relay contact ratings	0.6A at 48 VDC; 1A at 120 VAC
Compliance	
Agency compliance	NEBS Level 3, UL, CE (for RoHS option)

Ordering Information

Part Number	Description
009-8004-0104	Dual-feed 100A 4/4 KLM/GMT fuse panel
009-8004-0104RC	Dual-feed 100A 4/4 KLM/GMT fuse panel, RoHS
009-8004-0124	Dual-feed 100A 4/4 KLM/GMT fuse panel with load sharing

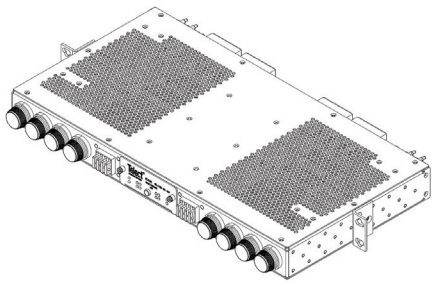
Accessories

Part Number	KLM Fuses	Part Number	GMT Fuses
118675	1 Amp	100151	1/4 Amp
118676	2 Amp	004001	1/2 Amp
118673	5 Amp	004008	3/4 Amp
118438	10 Amp	100991	1 Amp
118439	15 Amp	004006	1 1/3 Amp
118440	20 Amp	004011	1 1/2 Amp
118441	25 Amp	004002	2 Amp
118442	30 Amp	004012	3 Amp
		004013	4 Amp
		004014	5 Amp
		004010	7 1/2 Amp
		004015	10 Amp
		102287	12 Amp
		102288	15 Amp



Front View

Rear View



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