

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

Power :: Universal  $\pm 24V/-48V$ , 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.

## 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  $\pm 24V$ , -48V
- Sophisticated alarming: Intelligent, removable alarm card features a KLM alarm reset feature and requires no extra alarming fuses

## Applications

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



Front View



Rear View

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

Power :: Universal  $\pm 24V$ /-48V, Max. 30A Fuses

## Specifications

### Electrical

Nominal voltage	$\pm 24V$ , -48V
Input rating	100A per bus
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

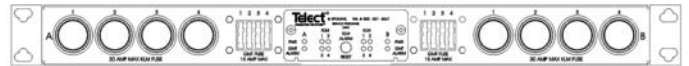
Agency compliance	NEBS Level 3, UL, CE
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## Ordering Information

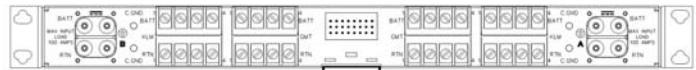
Description	Part Number
Dual-feed 100A 4/4 KLM/GMT fuse panel	009-8004-0104
Dual-feed 100A 4/4 KLM/GMT fuse panel with load sharing	009-8004-0124

### Accessories

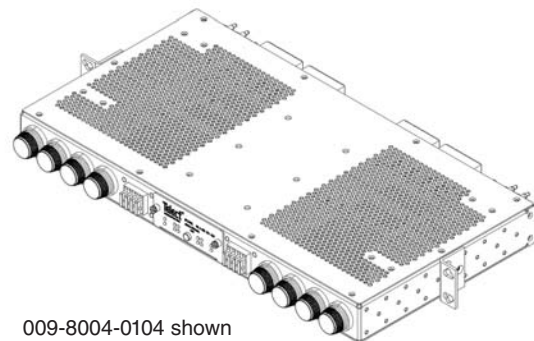
KLM Fuses	Part No.	GMT Fuses	Part No.
1 amp	118675	1/4 amp	100151
2 amp	118676	1/2 amp	004001
5 amp	118673	3/4 amp	004008
10 amp	118438	1 amp	100991
15 amp	118439	1 1/3 amp	004006
20 amp	118440	1 1/2 amp	004011
25 amp	118441	2 amp	004002
30 amp	118442	3 amp	004012
		4 amp	004013
		5 amp	004014
		7 1/2 amp	004010
		10 amp	004015
		12 amp	102287
		15 amp	102288



Front View



Rear View



009-8004-0104 shown