

Fuse Distribution Panel



FDP-1010

These fuse panels are ideal for DC distribution for low power loads in 24 and 48 volt positive and negative ground network applications and provide enhanced system reliability via a dual input bus which allow configuration with redundant power sources. Each input bus accommodates 10 or 20 GMT fuses (depending on model) in ratings up to 15 amps. Form C alarm contacts provide remote monitoring of input power and blown fuse conditions. Front panel LEDs indicate normal operation, fuse failure mode, as well as a user configured external alarm signal. Their low profile 1.75" (1 RU) occupies minimal space and can be configured for 19 inch rack mounting.

Features

- GMT Fuse holders, 15 amps max.
- Form "C" alarm contacts
- Polarity insensitive panels work with positive and negative ground systems -/+ 24 or -/+ 48 VDC
- Power On and alarm indicator lights
- 1RU (1.75") in height will configure to 19" or 23" rack mounting



GMT Fuse
Available Ratings
1, 3, 5, 7.5, 10 and 15 Amps

DC Power Distribution

Model	Nominal Input/output	Total Fuse Capacity	Amps per Bus (Dual Bus)	Total Current Capacity	Dimensions (Inches)			Weight (Lbs.)
					H	W	D	
FDP-1010	+/-24 or 48 VDC	20	100	200A	1.75	17	11.5	8
FDP-2020	+/-24 or 48 VDC	40	100	200A	1.75	17	11.5	8

Fuse Distribution Panel

Specifications

Nominal Input/Output: +/- 24 or +/- 48 VDC

Total Fuse Capacity:

FDP 1010 - 10 GMT fuses per bus

FDP 2020 - 20 GMT fuses per bus

Total Current Capacity:

FDP 1010: 200 amps (dual 100 amp bus)

FDP 2020: 200 amps (dual 100 amp bus)

Fuse Holder & Fuse Rating:

15 amps max.

GMT Fuses, available amperages: 1, 3, 5, 7.5, 10, and 15. Other ratings available upon request

Note: Fuses sold separately

Front Panel Details

- LED status indicators:
 - Normal Operation
 - Fuse Alarm
 - External alarm
- Easy accessible fuse blocks
- Spare fuse holder

Operating Temperature

-20° to +60° C

-5° to + 140° F

Compliances

NEBS 3 Certified

Mechanical

- Steel case painted flat black with white graphics
- Mounting ears provided for 19" rackmount, flush mount or 6" offset
- 1 RU (1.75"), can be zero clearance mounted directly adjacent to other equipment

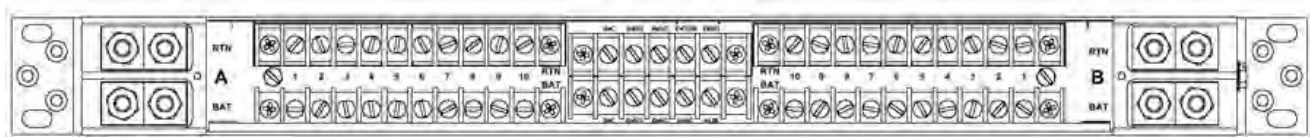
Alarms

- Form C alarm contacts for each bus
- External ground input alarm (bay or rack alarms)

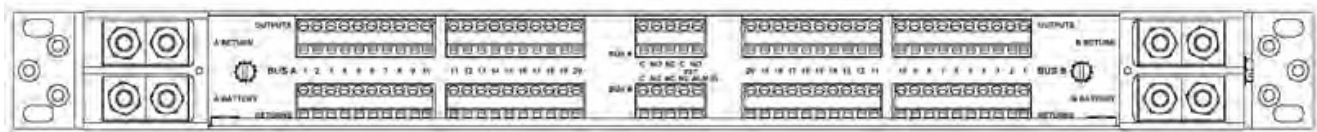
Rear Panel Details (see illustration below)

- Input Terminal Block: Two 1/4" studs on 5/8" centers
- Output and Alarm Terminal Blocks:
 - FDP 1010: Barrier Terminal Block; #22 to #10 AWG wire for fork or ring #6 screw
 - FDP 2020: Elevator clamp style terminal block; #26 to #12 AWG wire.
- Cable Management Bar
- Clear Lexan cover protects wiring connections

Rear Panel Views



FDP-1010



FDP-2020