

Fuse Distribution Panel

These fuse panels are ideal for DC distribution to low power loads in 24 and 48 volt positive and negative ground network applications and provide enhanced system reliability via dual input buses which allow configuration with redundant power sources. Each input bus accommodates 10 or 20 GMT output 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 indicates 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 or 23 inch rack mounting.



Model	Nominal Input/Output	Total Fuse Capacity	Amps per Bus (Dual Bus)	Total Current Capacity
FDP-1010	+/- 24 or 48 VDC	20	100	200A
FDP-2020	+/- 24 or 48 VDC	40	100	200A

Features

- GMT Fuse
- Form "C" alarm contacts
- Polarity insensitive panels work with positive and negative ground systems -/+ 24 or -/+ 48 VDC
- 1RU (1.75") in height will configure to 19" or 23" rack mounting

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" and 23" rackmount, flush mount or 6" offset
- 1 RU (1.75"), can be zero clearance mounted directly adjacent to other equipment

Front Panel Details

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

Alarms

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

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, 10, 15

Other ratings available upon request

Note: Fuses sold separately

Rear Panel Details

- 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

Case Size

(Inches)			(Centimeters)		
H	W	D	H	W	D
1.75	17	11.5	4.5	43.2	29.2

Weight: 8 pounds



Powering the Network