

Circuit Breaker & Fuse Distribution Panel

NEW



Power Distribution

Combination DC Power Distribution Panel Utilizes Both GMT Fuses and Circuit Breakers.

The DST-FB panel offers a unique combination of circuit protection, utilizing both circuit breakers and GMT fuses in a single, 2 RU rack mount assembly. This provides system integrators a flexible DC power distribution system allowing the installer to assign low power loads to fuses and high power loads, up to 30 amps, to circuit breaker protected circuits. The unit features dual busses, one bus accommodating 8 plug-in circuit breakers and the second holding up to 8 GMT style fuses. Front panel LEDs indicate power available per bus as well as blown fuse and tripped/off circuit breaker occurrence. Tripped condition also activates form C contacts for integrating remote alarm reporting. The panel integrates with 12, 24 or 48 volt systems, any ground reference, making the unit ideal for any power system.

Features

- 12, 24, or -48 VDC, Positive or Negative Ground
- Integrates easily with any power system
- Dual Bus (100 amps ea.): Bus A, 8 x GMT fuses; Bus B, 8 x plug-in circuit breaker capacity (fuses and breakers sold separately)
- Easily convert dual bus into single bus with provided jumper (200 amps max., 100A Bus A + 100A Bus B)
- Indicators: Power available LED, blown fuse LED, tripped/off circuit breaker LED
- Form C alarm contacts



8 Plug-in Circuit Breaker Capacity

DST-FB Series
Available Ratings
5, 10, 15, 20, 25, 30A



8 GMT Fuse Capacity

Available Ratings
1, 3.5, 7.5, 10, 15A

DC Power Distribution

Model	Nominal Input/Output	Total Circuit Capacity		Total Current Capacity	Dimensions (Inches)			Weight* (Lbs.)
		Circuit Breakers	Fuses		H	W	D	
DST-FB	12, 24 or 48 VDC	8	8	900 Amps (dual bus)	3.5	19	11	5.5

* Weight with no circuit breakers installed



Powering the Network

Circuit Breaker & Fuse Distribution Panel

Specifications

Electrical

Nominal Input: 12, 24 or 48 VDC, Positive or Negative ground

Total Circuit Capacity (16 total): 8 GMT fuses & 8 breakers

Dual Bus:

Bus rating: 100 Amps each max.

Bus A: Feeds 8 x GMT fuses, 15 Amps max., fuse rating

Bus B: Feeds 8 x plug-in circuit breakers, 30 Amps max., breaker rating

Circuit Breaker Values:

5, 10, 15, 20, 25 & 30 amp., easy plug-in via panel front (sold separately) DST-FB series

GMT Fuse Values:

1, 3, 5, 7.5, 10 & 15 amp, (sold separately)

Indicators & Alarms

- Power Available LED, one per Bus (Green)
- Blown fuse LED (Red)
- Tripped/Off circuit breaker LED (Red)

Alarm Contacts: Form C, one each for Bus A & Bus B, activates on any of the above alarm conditions

Mechanical

Chassis: Vinyl laminated aluminum with powder coated front panel

Rack Size: 19", 2 RU, flush or center mount

Environmental

Operating Temperature: -40 to +60°C

Rear Panel View

