

Fuse DC Distribution Modules



The DCF range of DC distribution modules provide protection for communications loads up to 2520A, using HRC type fuses in sizes from DIN00 to DIN3.

All fuses are alarmed, with automatic detection of load current to prevent false alarms from unused fuse positions. The hinged front panel minimizes cable installation time by providing front access to the termination points. The panel is tool removable only,

for operator safety. Optional miniature circuit breakers (MCBs) may be added to some models in the DCF range to provide for mixtures of high and low current loads or to provide battery fuses and load MCBs in one compact module.

Designed to comply with recognized international standards the DCF range provides a flexible, modular range of DC distributions specifically for communications applications.

Features

- Up to 10-Way HRC Fuse Distributions
- Wide Selection of Fuses 20A – 630A
- Easy Fuse Removal
- Tool Access Front Cover
- Front Access for Cable Termination
- Electronic Fuse Fail Alarms with Load Detection
- MCBs for Mixed Load and Battery Protection
- Compliance with International Standards



Powering Business Worldwide

Technical Specifications

Voltage Range

8.7 – 70V

Maximum Current

DCF1000 1600A
 DCF0600 960A
 DCF0601 1500A
 DCF0602 2400A
 DCF0403 2520A

Fuse Current Ratings

DIN00 20A, 32A, 40A, 50A, 63A, 80A, 100A, 125A, 160A
 DIN1 63A, 100A, 125A, 160A, 200A, 250A
 DIN2 100A, 200A, 250A, 315A, 400A
 DIN3 400A, 500A, 630A

Alarms

Fuse Fail Alarm: Electronic type with load detection
 Stand Alone Operation: Auxiliary contacts for external alarm

Operating Temperature Range

-10°C – +50°C [+14°F – +122°F]

In the interests of continual product improvement all specifications are subject to change without notice.

Email: dc.info@eaton.com
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Dimensions H, W, D

DCF1000 4U: 177mm [7.0"], 480mm [19" mounting], 195mm [7.7"]
 DCF0600/01/02 6U: 266mm [10.5"], 480mm [19" mounting], 181mm [7.1"]
 DCF0403 7U: 311mm [12.25"], 480mm [19" mounting], 236mm [9.3"]

Certifications

CE (Europe) Equivalent products with UL and NEBS Level 3 approvals are also available. Contact your local Powerware DC representative for details.

Options

MCB Options
 DCF0600, DCF0601, DCF0602 Series only

Option 1 Replace 2 fuses with: up to 7 x C60 type (1A – 63A) or up to 5 x C120 type (10A – 125A)
 Option 2 Replace 4 fuses with: up to 15 x C60 type (1A – 63A) or up to 10 x C120 type (10A – 125A)

MCB Current Ratings

C60 type: 1A, 2A, 3A, 4A, 6A, 10A, 16A, 20A, 25A, 32A, 40A, 50A, 63A
 C120 type: 10A, 16A, 20A, 25A, 32A, 40A, 50A, 63A, 80A, 100A, 125A

LVD Options

DCF0600 Series only LVD 401: 1 x 400A
 LVD 402: 2 x 400A

Model	Fuses	MCBs (optional)	LVDs (optional)
DCF1000	up to 10 x DIN00 (20A-160A)	-	1 x 400A or 2 x 400A
DCF0600	up to 6 x DIN00 (20A-160A)	refer to options	1 x 400A or 2 x 400A
DCF0601	up to 6 x DIN1 (63A-250A)	refer to options	1 x 400A or 2 x 400A
DCF0602	up to 6 x DIN2 (100A-400A)	refer to options	1 x 400A or 2 x 400A
DCF0403	up to 4 x DIN3 (400A-630A)	-	-

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