

# Distribution Panel DCD

## 12, 24, 48VDC

## 40 - 76A



### Product Description

Distribution panel DCD was designed to satisfy the highest demands concerning functionality and cost reduction. Distribution panel DCD contain 1 or 2 power supply inputs and 10 or 16 outputs with load fuse failure alarm through LED indicator and relay output. Distribution panel DCD is available in three different versions with load capacity up to 76A. Distribution panel DCD can feed to equipment with max. current 16A current feed and with max. 6mm<sup>2</sup> load supply wire. Load fuse failure alarm can be off for selective load fuses.

### Applications

#### Wireless, fiber and fixed line communication

Today's communications demand state of the art, cost effective and compact DC power systems. Distribution panel DCD delivers the smallest dimensions and superb reliability at lowest lifetime cost.

#### Broadband and network access

Increasing network speed demands flexible and expandable DC power solutions. Distribution panels DCD are your key building blocks for future needs.

#### Small and large

Due to the small dimensions and a highly flexible design Distribution panel DCD are used in wide range of Indoor and Outdoor solutions.

### Product Features and Advantages

#### Power supply connection

Distribution panel DCD connection is made through plug with screw connector of proper current capacity. After connecting of power supply wires Distribution panel DCD is ready to use. Installation doesn't required untypical tools and allow to save time and cost of installation and service.

#### Design

Distribution panel DCD is made with 1,25mm thickness steel with aluzinc. This allows to keep very high rigidity and long life of device.

#### Minimum of space

Distribution panel DCD own the smallest compact dimensions – 19" 1U

# Distribution Panel DCD

## Technical Specification

	D00001.004	D00001.008	D00001.006
Input capacity	○ 2 pcs.	○ 2 pcs.	○ 1 pcs.
Output capacity	○ 16 pcs.	○ 16 pcs.	○ 10 pcs.
Voltage	○ 48VDC (standard) ○ 24VDC (option) ○ 12VDC (option)	○ 48VDC (standard) ○ 24VDC (option) ○ 12VDC (option)	○ 48VDC (standard) ○ 24VDC (option) ○ 12VDC (option)
Maximum Input current	○ 40A	○ 76A	○ 76A
Maximum Output current	○ 16A	○ 16A	○ 16A
Power loss	○ 35W	○ 70W	○ 0W
Factory mounting fuses	○ 10 x 6,3A ○ 4 x 10A ○ 2 x 16A	○ 10 x 6,3A ○ 4 x 10A ○ 2 x 16A	○ 7 x 6,3A ○ 3 x 10A
Input protection	○ Inputs separation through Schotky diodes	○ Inputs separation through Schotky diodes	○ OVP protection class II
Input configuration	○ 1 or 2 Inputs feed all loads (standard) ○ 1st input feed 1-8 loads, 2nd input feed 9-16 loads (option)	○ 1 or 2 Inputs feed all loads (standard) ○ 1st input feed 1-8 loads, 2nd input feed 9-16 loads (option)	○ 1 Input feed all loads (standard)
Alarms:	○ individual signaling of load fuse failure – red LED ○ common signaling – relay output NO/NC	○ individual signaling of load fuse failure – red LED ○ common signaling – relay output NO/NC	○ individual signaling of load fuse failure – red LED ○ common signaling – relay output NO/NC ○ OVP protection failure – on common relay output
Alarm output configuration	○ All fuses supervising (standard) ○ Non-supervising 1-6, 9-12 fuses (user can configure each fuse)	○ All fuses supervising (standard) ○ Non-supervising 9-16 fuses (user can configure each fuse)	○ All fuses supervising (standard) ○ Non-supervising 7-10 fuses (user can configure each fuse)
Visual indications	○ Green LED – voltage present on Input ○ Red LED – load fuse failure	○ Green LED – voltage present on Input ○ Red LED – load fuse failure	○ Green LED – voltage present on Input ○ Red LED – load fuse failure
Power Input terminal	○ Plug - max. 6mm <sup>2</sup>	○ Plug - max. 16mm <sup>2</sup>	○ Plug - max. 16mm <sup>2</sup>
Power Output terminal	○ Plug - max. 2,5mm <sup>2</sup>	○ Plug - max. 2,5mm <sup>2</sup>	○ Plug - max. 6mm <sup>2</sup>
Alarm Output terminal	○ Plug - max. 1,5mm <sup>2</sup>	○ Plug - max. 1,5mm <sup>2</sup>	○ Plug - max. 1,5mm <sup>2</sup>
Operating temperature	○ -33 <sup>o</sup> C to +45 <sup>o</sup> C	○ -33 <sup>o</sup> C to +45 <sup>o</sup> C	○ -33 <sup>o</sup> C to +45 <sup>o</sup> C
Storage temperature	○ -40 <sup>o</sup> C to +75 <sup>o</sup> C	○ -40 <sup>o</sup> C to +75 <sup>o</sup> C	○ -40 <sup>o</sup> C to +75 <sup>o</sup> C
Dimensions (HxWxD)	○ 44,2 x 482,6 x 146,5 mm	○ 44,2 x 482,6 x 146,5 mm	○ 44,2 x 482,6 x 126,5 mm
Weight	○ 2kg	○ 2kg	○ 1,5kg
Protection class	○ IP20	○ IP20	○ IP20

