

Overview

Product information

**DF20-C-PN-RT-V10-30050002650**

PROFINET bus, 2 RJ45, expandable to 32 modules, 24VDC

Product advantages

- ☑ PROFINET bus communication protocol
- ☑ Integrated power module.
- ☑ LED displays the operating status, providing alarm information and bus faults.
- ☑ Dual PROFINET connection (RJ45, 10/100Mbps).
- ☑ Adhere to the characteristics of MRP media redundancy protocol ring.

Product certification

Technical data

Product drawing

3D model

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Technical Information

Transmission speed	10/100Mbps, full duplex
Characteristic	RT, compliant with Class C, MRP, automatic addressing/topology detection
Alarm function	Diagnostic alarm, process alarm, connector plugging alarm
Minimum cycle time	1ms
Working voltage	24V DC+20%/-15%
Communication protocol	PROFINET-RT
Number of expandable modules	Thirty-two
Transmission distance	100米

PDO data	1024 bytes
Transmission medium	Category 5 twisted pair cables
Isolation method	Electrical isolation from the site
Bus address setting	PROFINET specification

Environmental requirements

Protection type	IP20
Relative humidity (non condensing)	5-95% RH
working temperature	-25... 60 °C
Storage temperature	-40... 85 °C

Wiring parameters

Provide internal system voltage	5VDC
The maximum crimping area of the wire	1.5mm²
	0.14mm²
Maximum crimping area of wire (AWG)	AWG16
	AWG26
Connection technology: input/output	PUSH-IN type terminal blocks
Installation method	DIN-35 type guide rail
External dimensions (HXWXD)	100mm X 48mm X 69mm
Provide internal system current	Max.2A

Accessories

Business data

Order number	30050002650
Packing unit	1

Minimum order quantity	1
Products weight (without packaging)	200g