Overview

Product information



DF20-C-EC-30050000268

EtherCAT bus, 2 RJ45, expandable to 31 modules, 24VDC

Product advantages

☑ EtherCAT bus communication protocol
☑ Integrated power module.
☑ LED displays the operating status, providing alarm information and bus faults.
☑ Dual EtherCAT connection (RJ45100Mbps).
☑ Protection level IP20.

Product certification

Technical data

Product drawing

3D model

Technical Information

Connection method	2 X RJ45, integrated switch function
Transmission speed	10/100Mbps, full duplex
Alarm function	Diagnostic alarm, process alarm, connector plugging alarm
Minimum cycle time	1ms
Working voltage	24V DC+20%/-15%
Site alias range	1-254
Number of expandable modules	Thirty-one
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	EtherCAT specification

Environmental requirements

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

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	30050000268
Packing unit	1

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