

Overview

Product information



DF20-M-8DIO-P-30050000321

Digital I/O module, 8DI+8DO PNP, 24VDC

Product advantages

- ☑ The digital input/output module can receive control signals from field devices (such as sensor actuators, etc.).
- ☑ 16-channel digital input/output, 8DI+8DO, PNP effective.
- ☑ Each input module has an anti-interference filter.
- ☑ Each input module has an LED indicator.
- ☑ The field layer and the system layer are isolated by photoelectric couplers.
- ☑ Protection level IP20.

Product certification

Technical data

Product drawing

3D model

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Technical Information

System feed current	<75mA
Reverse circuit protection	Yes
Error diagnosis	Yes
Working voltage	24V DC+20%/-15%
Switching frequency (resistive, light)	<1000Hz
Maximum current output per channel	500mA
Protection circuit response time	<100μs
Number of channels	16

Data size	2 Byte
Signal type	PNP
Isolation method	Isolation from on-site optoelectronics

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

Electrical parameters

Input signal type	NPN type sensors, range switches, contact points, etc
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Accessories

Business data

Order number	30050000321
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Packing unit	1
Minimum order quantity	1
Products weight (without packaging)	60g