Overview

Product information



DF50-M-16DI-16DO-P-30050002888

Digital input and output module, 16DI+16DO PNP, 24VDC

Product advantages

☑ The digital input/output module can receive control signals from field devices (such as sensor actuators, etc.).
☑ 32 channels digital input/output, 16DI+16DO,PNP valid.
☑ 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

Technical Information

Switching frequency (inductive)	0.2Hz
Load type	Inductive (7.2W/point, 24W/module), resistive (0.5A/point, 4A/module), light (5W/point, 18W/module)
System feed current	<30ma
Reverse circuit protection	Yes
Working voltage	24V DC+20%/-15%
Signal voltage of '0'	High resistance state
Signal voltage of '1'	24V
Switching frequency (resistive, light)	<1000Hz

Line type	1-wire system
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
working temperature	-25... 60 ℃
Storage temperature	-40... 85 ℃
relative humidity	5... 95% RH (condensation)

Wiring parameters

The maximum crimping area of the wire	1.5mm²
	0.14mm²
Maximum crimping area of wire (AWG)	AWG16
Connection technology: input/output	PUSH-IN type terminal blocks
Strip length	8-10mm
Installation method	DIN-35 type guide rail

Accessories

Business data

Order number	30050002888
Packing unit	1
Minimum order quantity	1

Products weight (without packaging)	120g