

## Overview

### Product information



# DF50-M-16DI-P/N-30050002551

Digital input module, 16 outputs, PNP/NPN, 24VDC

### Product advantages

- The digital input module can receive control signals from on-site devices such as sensors.
- 16 channel digital input, PNP&NPN valid, common end conversion.
- Each input module is equipped with an anti-interference filter.
- Each input module comes with LED indicator lights.
- Isolation is achieved between the on-site layer and the system layer through optocouplers.
- Protection level IP20.

### Product certification

## Technical data

### Product drawing

### 3D model

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### Technical Information

OFF signal voltage	< 5V DC
Hardware response time	200us/200us
System feed current	<30ma
Reverse circuit protection	Yes
Error diagnosis	Yes
Working voltage	24V DC+20%/-15%
ON signal voltage	> 11V DC
Line type	1-wire system

Number of channels	16
Data size	2 Byte
Signal type	NPN&PNP
Isolation method	Isolation from on-site optoelectronics
Filtering time	0.2-40ms configurable

#### Environmental requirements

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

#### Wiring parameters

The maximum crimping area of the wire	1.5mm <sup>2</sup>
	0.14mm <sup>2</sup>
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	30050002551
Packing unit	1
Minimum order quantity	1
Products weight (without packaging)	60g

