

## Overview

### Product information



## DF58-M-16DI-P/N-30050002526

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, valid for PNP&NPN. 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

### Technical Information

OFF signal voltage	< 5V DC
Hardware response time	100us/100us
Reverse circuit protection	Yes
Error diagnosis	Yes
Working voltage	24V DC+20%/-15%
ON signal voltage	> 15V DC
Signal (0) input current of each channel (typical)	0.678mA
Signal (1) maximum input current of each channel	4.7mA

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	No filtering, 0.25ms, 0.5ms, 1ms (factory setting), 2ms, 4ms, 8ms, 16ms, 32ms, 2 sets of filtering parameters can be set, one set for every 8 channels, and the same filtering parameter can be shared within the group

#### 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
System feed current	<15mA

#### Accessories

#### Business data

Order number	30050002526
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Packing unit	1
Minimum order quantity	1
Products weight (without packaging)	60g