

# Product datasheet

Specifications



## Preventa safety remote output discrete module - 4 O not isolated

XPSMF2DO401

⚠ Discontinued on: 31 Dec 2019

⚠ To be end-of-service on: 31 Dec 2027

⚠ Discontinued

EAN Code: 3389119010689

### Main

Range Of Product	Preventa Safety automation
Product Or Component Type	Preventa safety remote output discrete module
Safety Module Name	XPSMF2
Safety Module Application	Extension of I/O capacity
Safety Use Category	Category 4 maximum conforming to EN 954-1 Performance level e conforming to EN/ISO 13849-1 SIL 3 conforming to EN/IEC 61508
Function Of Module	Monitoring safety actuators Monitoring safety dialogue
[Us] Rated Supply Voltage	24 V DC - 15...20 %
Supply	SELV or PELV conforming to EN/IEC 60950
Discrete Output Number	4, not isolated
Structure Type	10BASE-T/100BASE-TX

### Complementary

Response Time	Depending on size of application
Associated Fuse Rating	10 A, slow-blow
Discrete Output Current	<= 20 A (per channel) <= 5 A (per module)
Inductive Load	500 mH
Maximum Tungsten Load	<60 W
Maximum Leakage Current	1 mA, at 2 V at state 0
Communication Port Protocol	Safe Ethernet with 2 RJ45 port(s), transmission rate: 100 Mbps, 10 Mbps, medium: dual twisted pair cable, category 5D or better
Exchange Mode	Half duplex, full duplex, autonegotiation
Number Of Terminal Blocks	4 for discrete output
Current Consumption	0.5 A at 24 V DC on power supply
Mounting Support	35 mm symmetrical DIN rail
Depth	66.5 mm
Height	109 mm
Width	152 mm
Net Weight	0.8 kg

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

## Environment

Ip Degree Of Protection	IP20
Ambient Air Temperature For Operation	0...60 °C
Ambient Air Temperature For Storage	-40...85 °C

## Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	15.5 cm
Package 1 Width	18.5 cm
Package 1 Length	29.5 cm
Package 1 Weight	1.432 kg

## Contractual warranty

Warranty	18 months
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# Sustainability



**Green Premium™ label** is Schneider Electric’s commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product’s sustainability >](#)

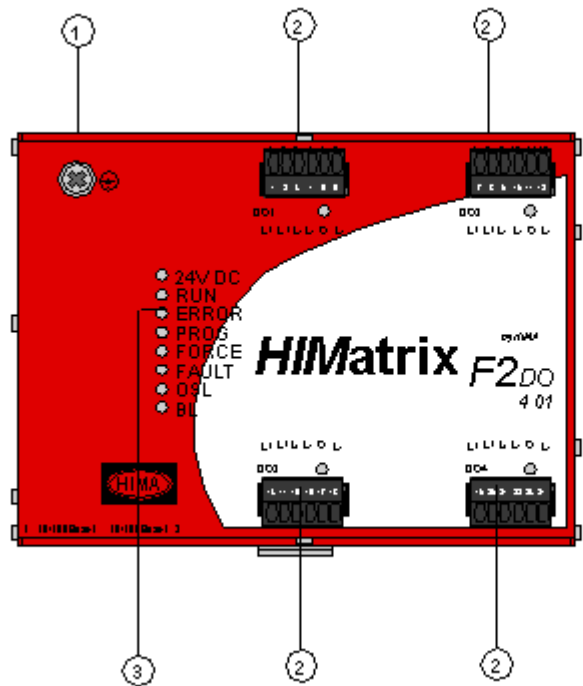
## Well-being performance

 Mercury Free	
 Rohs Exemption Information	<a href="#">Yes</a>
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
China Rohs Regulation	<a href="#">China RoHS declaration</a>
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Presentation

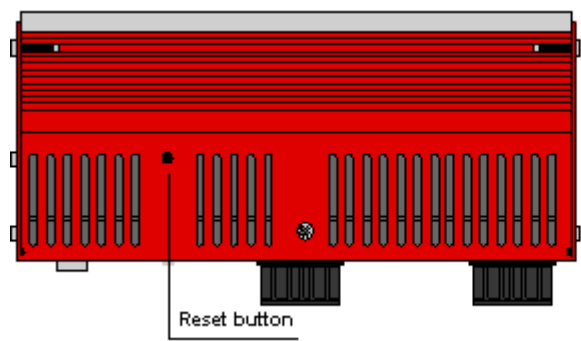
Housing Elements

Front View

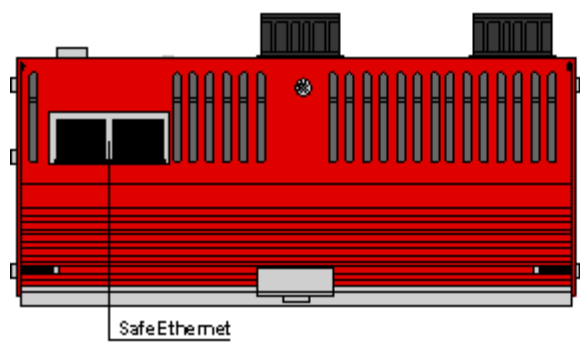


No.	Description
1	power supply input
2	digital power outputs
3	Indicators

Top View



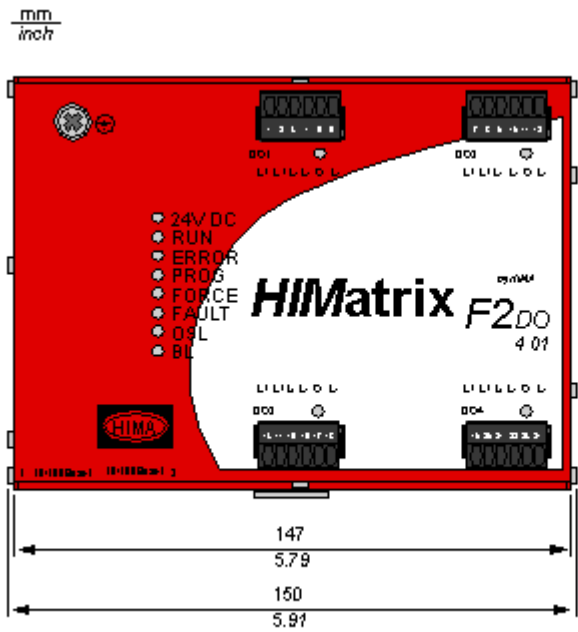
Bottom View



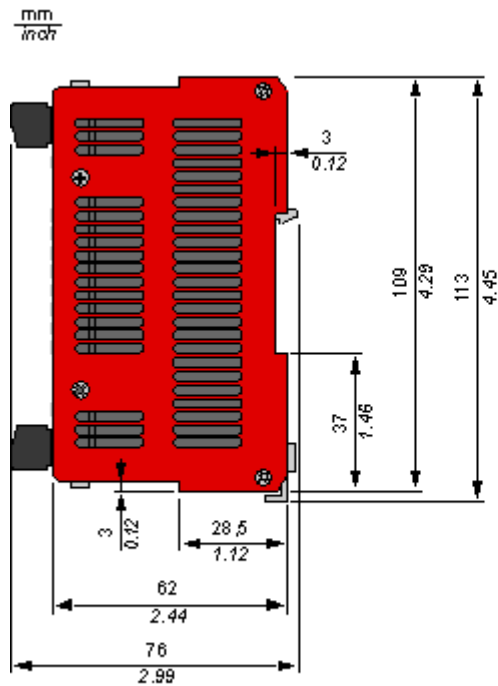
Dimensions Drawings

Dimensions

Front View



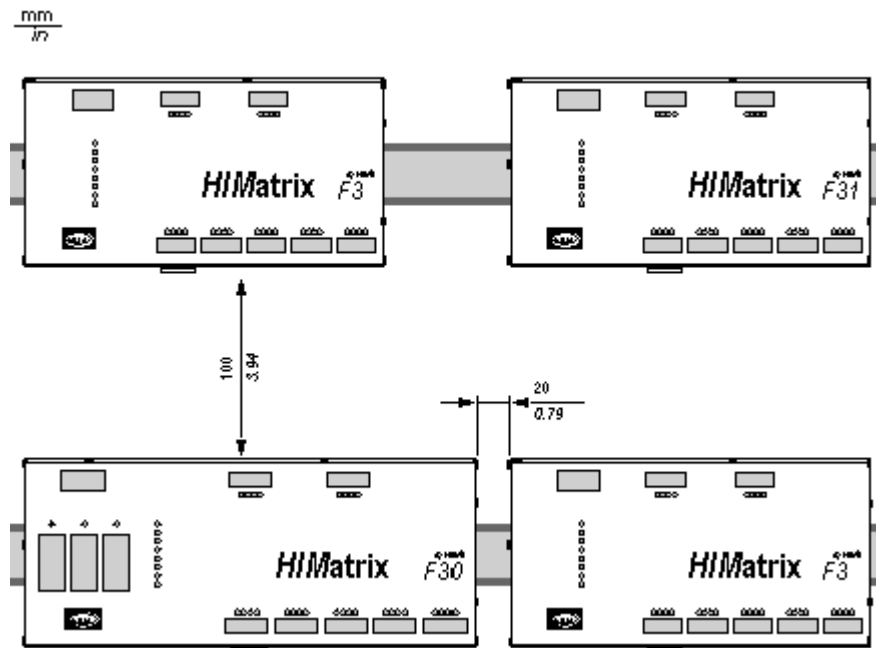
Side View



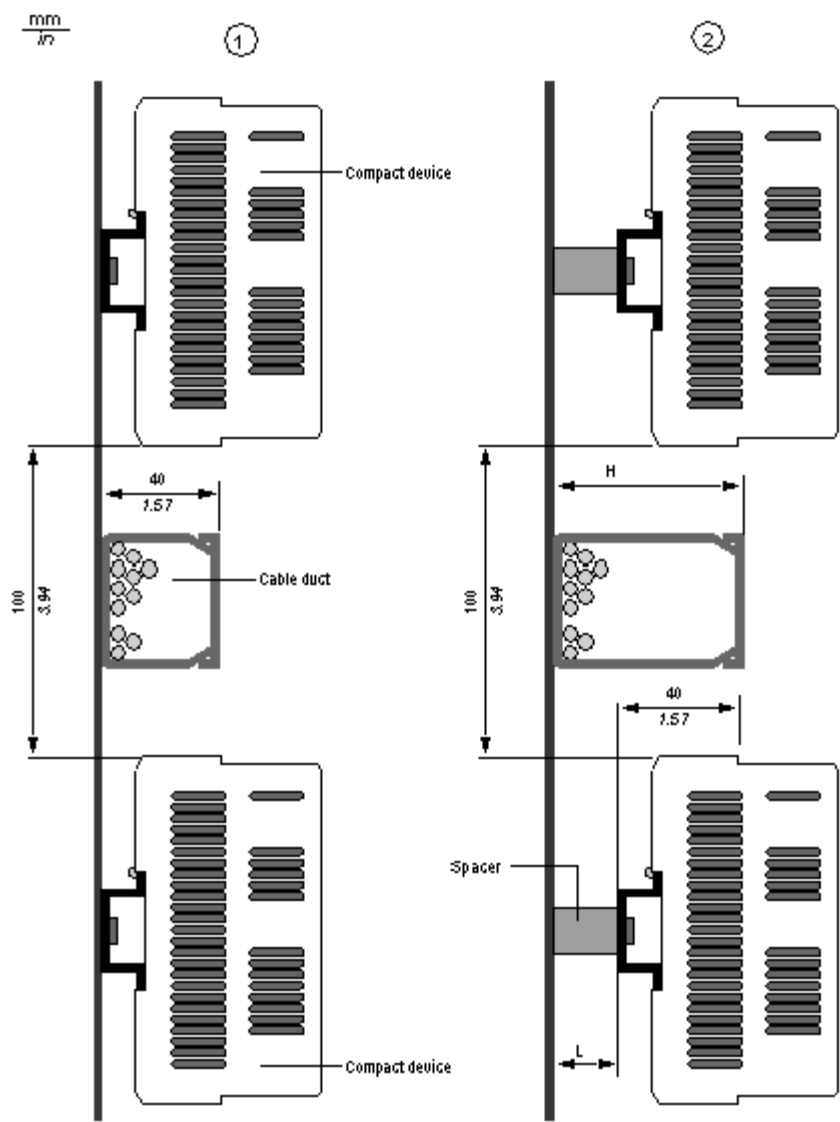
Mounting and Clearance

Mounting

Minimum Clearances



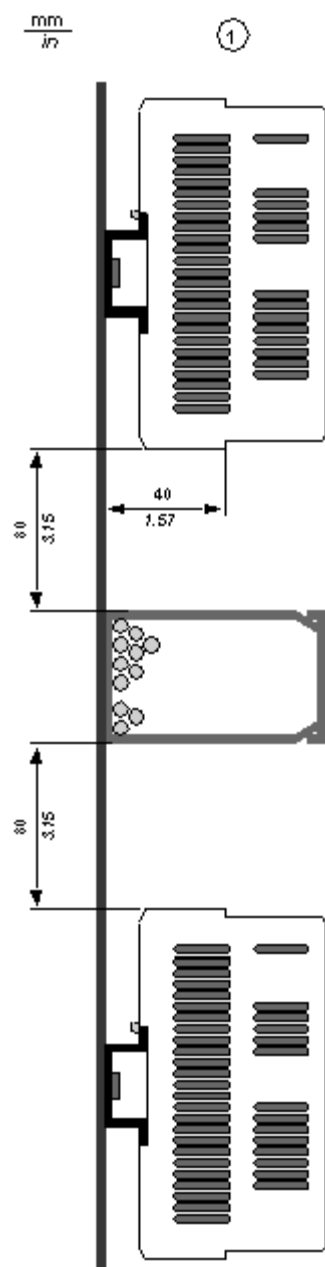
Air Circulation



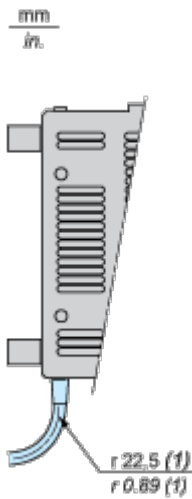
No.	Description
1	The height of the cable ducts is less than 40 mm / 1.57 in.
2	The height of the cable ducts is greater than 40 mm / 1.57 in.

**L = H - 40 mm / 1.57 in.**  
L = length of the spacer  
H = height of the cable duct  
Minimum clearance when H > 40 mm/1.57 in. and no spacer





Mounting Precautions Relating to RJ45 Connector



(1) minimum value