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

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_2 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

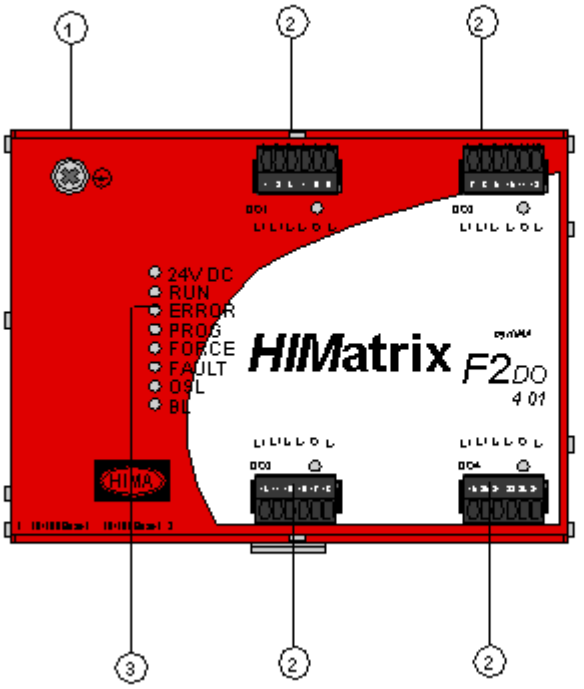
Mercury Free	
Rohs Exemption Information	Yes

Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
China Rohs Regulation	China RoHS declaration
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Presentation

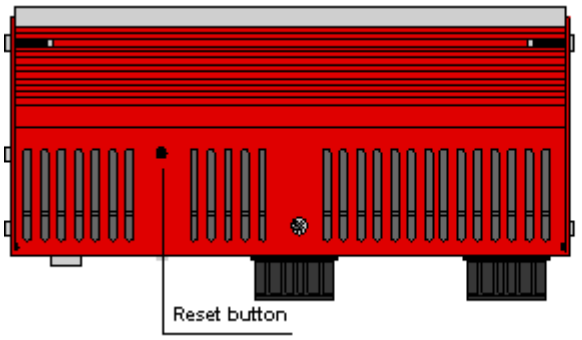
Housing Elements

Front View

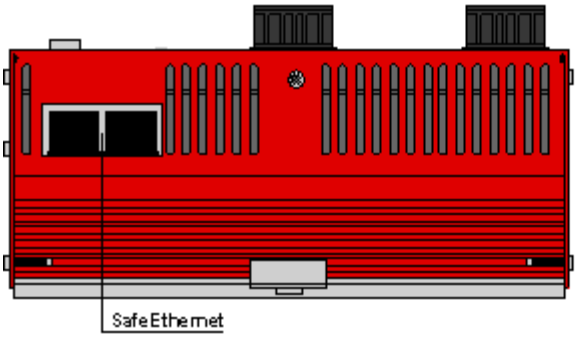


No.	Description
1	power supply input
2	digital power outputs
3	Indicators

Top View



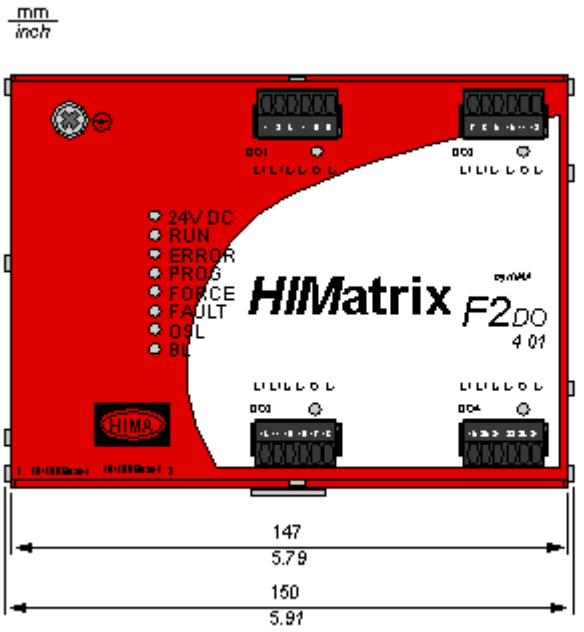
Bottom View


Safe Ethernet

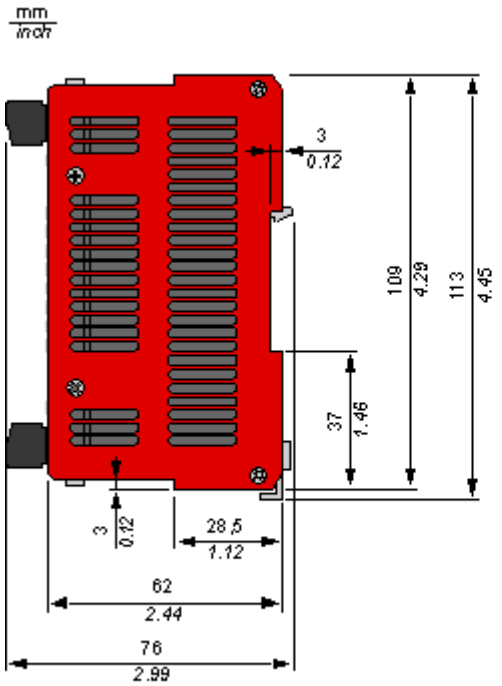
Dimensions Drawings

Dimensions

Front View



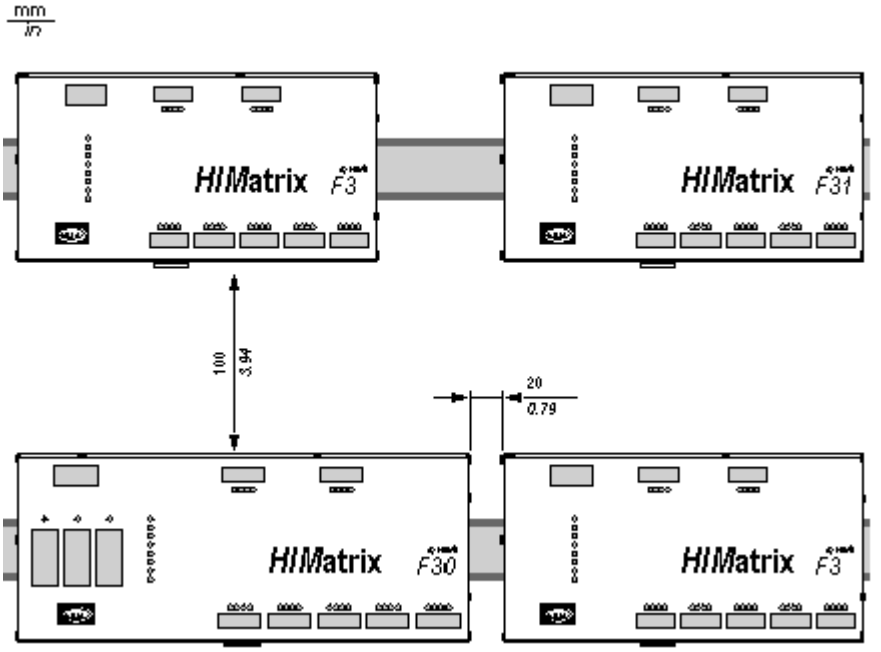
Side View



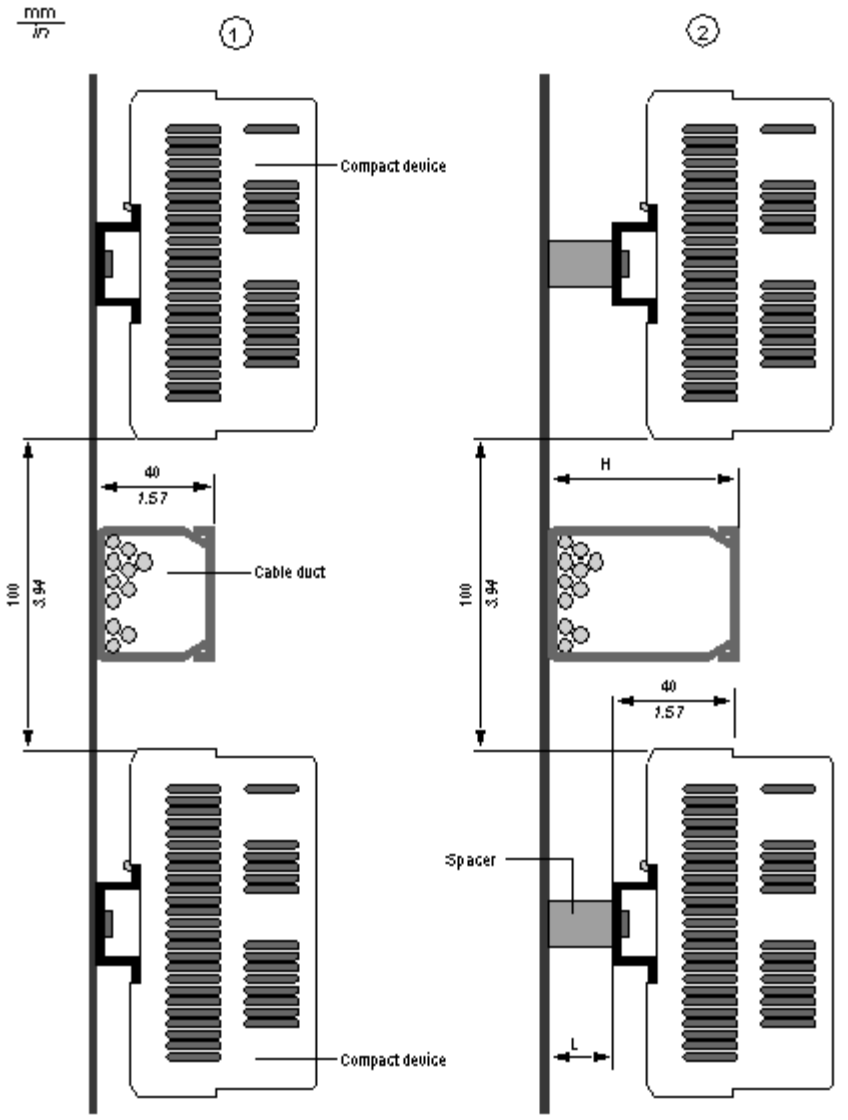
Mounting and Clearance

Mounting

Minimum Clearances

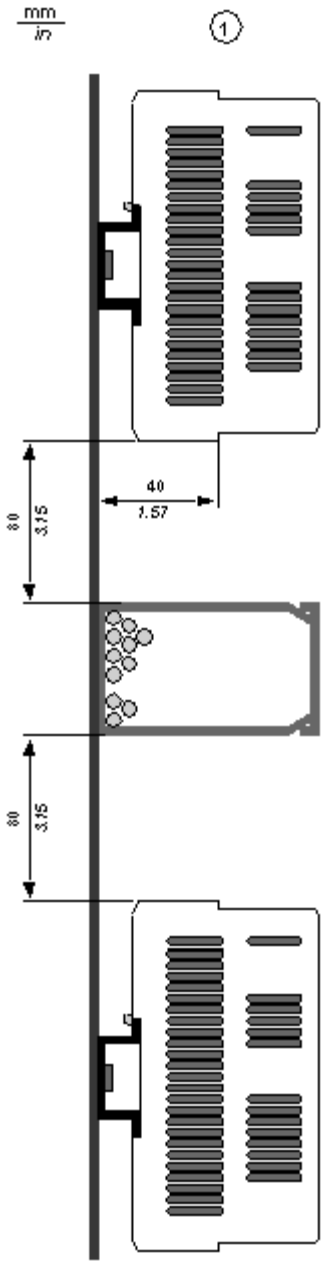


Air Circulation

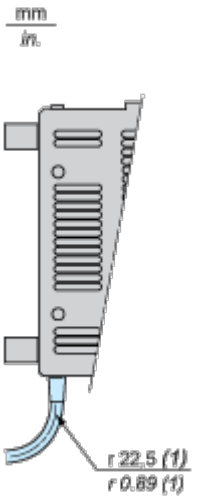


No.	Description
1	The height of the cable ducts is less than 40 mm / 1.57 in.
2	The height of the cable ducts is greater than 40 mm / 1.57 in.

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


mm
in
1
40
1.57
80
3.15
80
3.15

Mounting Precautions Relating to RJ45 Connector



(1) minimum value