

Product data sheet

Specifications



Preventa safety remote output relay module - 16 O

XPSMF2DO1602

⚠ Discontinued on: Dec 31, 2019

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

⚠ Discontinued - Service only

Main

Range Of Product	Preventa Safety automation
Product Or Component Type	Preventa safety remote output relay 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
Number Of Outputs	16 relay
Structure Type	10BASE-T/100BASE-TX

Complementary

Response Time	Depending on size of application
Associated Fuse Rating	10 A, slow-blow
Output Type	Relay, 2 NO per output circuit(s), volt-free
Minimum Switching Voltage	5 V 250 V AC output relay 5 V 250 V DC output relay
Switching Current Capacity	3.15 A / 100 A with internal fuse relay output
Maximum Switching Capacity In Va	<48 VA, cos f = 0.5 for relay output
Maximum Switching Capacity In W	<90 / 30 V for relay output
Contacts Material	Silver alloy (Ag/Ni) for relay output
Electrical Durability	250000 cycles for relay output
Mechanical Durability	1000000 cycles for relay output
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	1 for power supply 4 for relay output
Current Consumption	0.6 A at 24 V DC on power supply
Mounting Support	35 mm symmetrical DIN rail

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

Depth	113.5 mm
Height	109 mm
Width	255 mm
Net Weight	2 kg

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	21.0 cm
Package 1 Width	24.5 cm
Package 1 Length	35.5 cm
Package 1 Weight	2.872 kg
Unit Type Of Package 2	S04
Number Of Units In Package 2	2
Package 2 Height	30.0 cm
Package 2 Width	40.0 cm
Package 2 Length	60.0 cm
Package 2 Weight	6.94 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-CO₂ 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

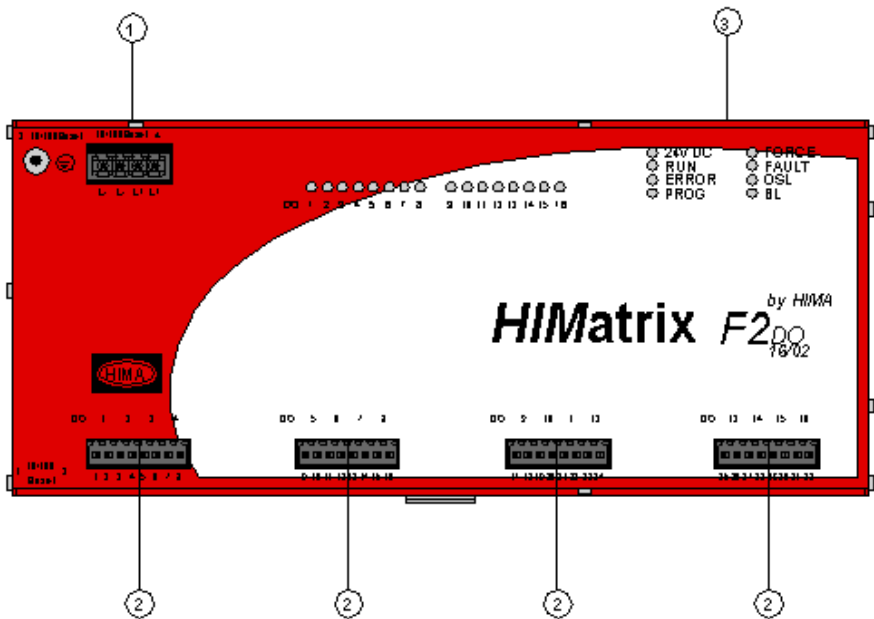
California Proposition 65

WARNING: This product can expose you to chemicals including: Lead and lead compounds which is known to the State of California to cause Carcinogen & Reproductive harm. For more information go to www.p65warnings.ca.gov

Presentation

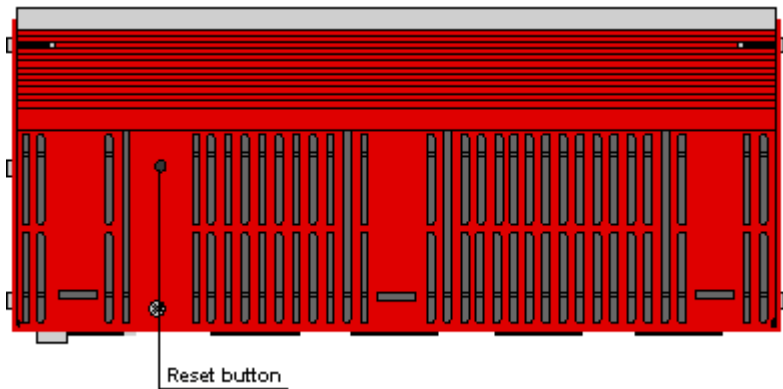
Housing Elements

Front View

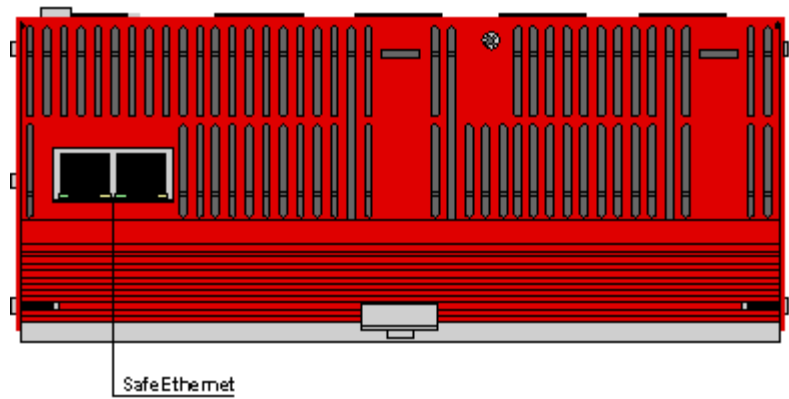


No.	Description
1	Power supply input
2	Digital outputs
3	Indicators

Top View



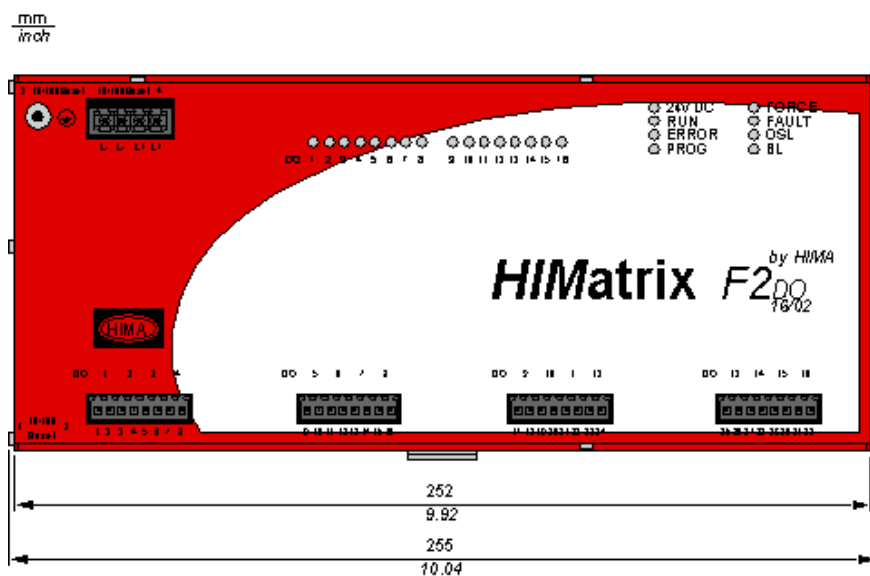
Bottom View



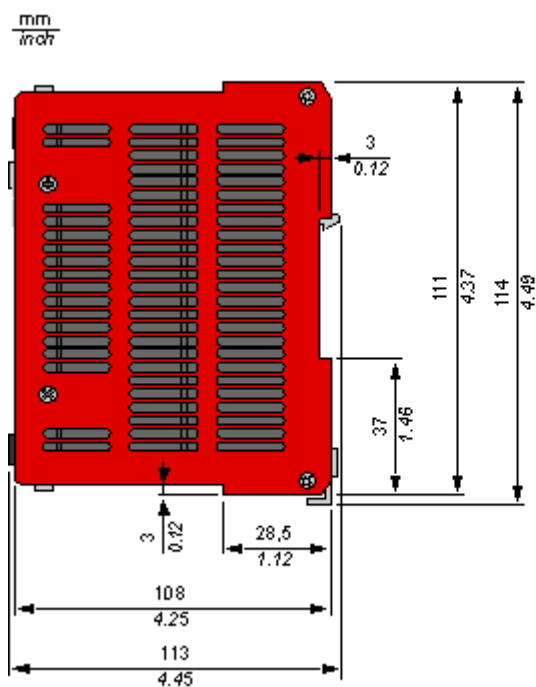
Dimensions Drawings

Dimensions

Front View



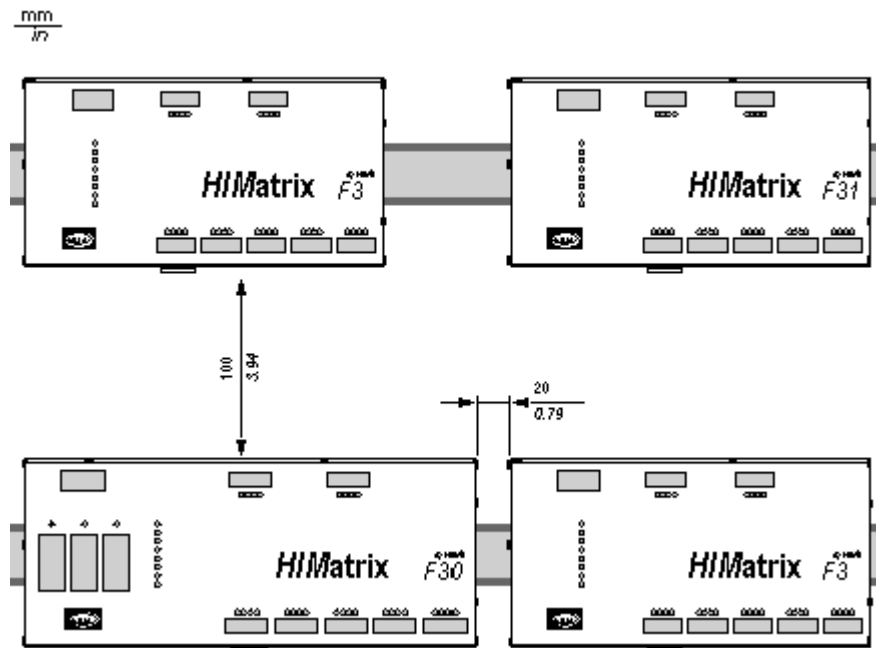
Side View



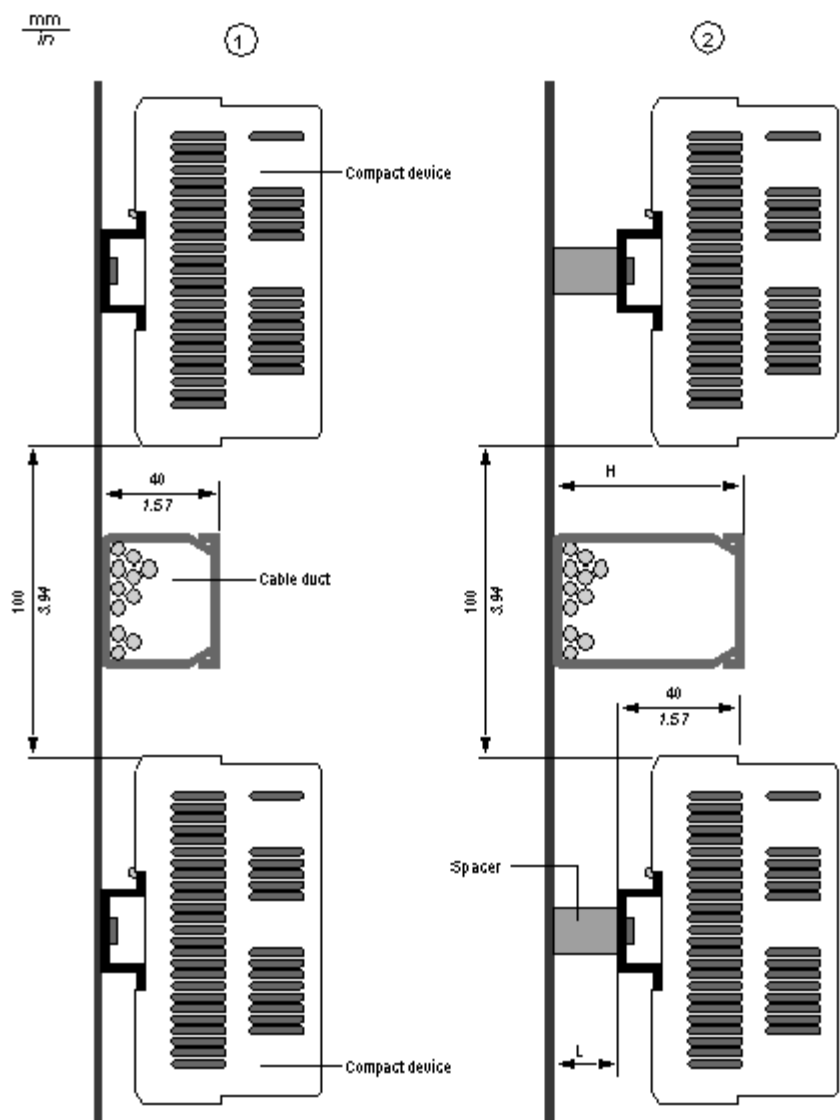
Mounting and Clearance

Mounting

Minimum Clearances

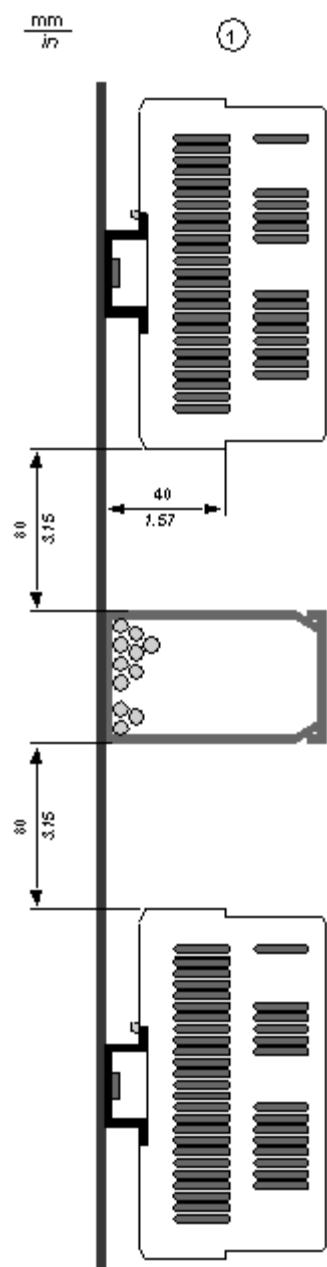


Air Circulation

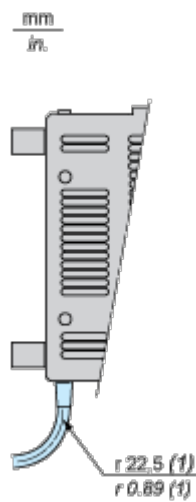


No.	Description
1	The height of the cable ducts is less than 40 mm / 1.57 in.
2	The height of the cable ducts is greater than 40 mm / 1.57 in.

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