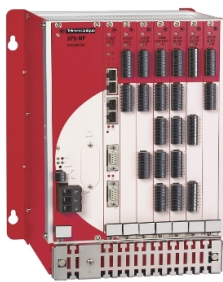


Product datasheet

Specifications



Preventa safety PLC power supply, 30A 24V DC

XPSMFPS01

⚠ Discontinued on: Dec 31, 2019 AD

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

⚠ Discontinued - Service only

Main

Range of product	Preventa Safety automation
Product or component type	Preventa safety PLC power supply
Safety module name	XPS MF60
Safety module application	Power supply
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
Standards	IEC 61131 DIN V 0801 EN 50156 pending DIN V 19250
[Us] rated supply voltage	24 V DC - 15...20 %

Complementary

Supply	SELV or PELV conforming to EN/IEC 60950
Output voltage	3.3 V DC / 10 A 5 V DC / 2 A
Associated fuse rating	32 A
Connections - terminals	Removable screw clamp terminals, 1 x 0.75...1 x 6 mm ² (AWG 20) flexible with cable end Removable screw clamp terminals, 1 x 0.75...1 x 6 mm ² (AWG 20) flexible without cable end Removable screw clamp terminals, 2 x 0.5...2 x 4 mm ² (AWG 20) flexible without cable end Removable screw clamp terminals, 2 x 0.5...2 x 6 mm ² (AWG 20) flexible with cable end Removable screw clamp terminals, 1 x 0.75...1 x 16 mm ² (AWG 19) flexible without cable end Removable screw clamp terminals, 1 x 0.75...1 x 16 mm ² (AWG 19) solid without cable end Removable screw clamp terminals, 2 x 0.75...2 x 6 mm ² (AWG 19) flexible without cable end Removable screw clamp terminals, 2 x 0.75...2 x 6 mm ² (AWG 19) solid without cable end
Current consumption	30 A at 24 V DC power supply
Product weight	0.82 kg

Environment

Immunity to microbreaks	10 ms
IP degree of protection	IP20 (with covering plate on unused in rack I/O card slots)
Ambient air temperature for operation	0...60 °C

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

Ambient air temperature for storage	-40...85 °C conforming to EN/IEC 61131-2
Relative humidity	95 % supply not connected
Operating altitude	< 2000 m
Pollution degree	2
Electrical shock protection class	Class II conforming to IEC 61131-2
Electromagnetic compatibility	EN/IEC 61131-2
Vibration resistance	1 gn (f = 10...150 Hz) - 10 cycles per axis - conforming to EN 61131-2
Shock resistance	15 gn for 11 ms (2 cycles per axis) conforming to EN 61131-2
Resistance to electrostatic discharge	4 kV contact conforming to EN/IEC 61000-4-2 8 kV on air conforming to EN/IEC 61000-4-2
Resistance to electromagnetic fields	10 V/m (26...1000 MHz), amplitude modulation 80 % conforming to EN/IEC 61000-4-3

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	12.0 cm
Package 1 Width	26.5 cm
Package 1 Length	35.0 cm
Package 1 Weight	1.28 kg

Contractual warranty

Warranty (in months)	18
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Use Better

Materials and Substances	
EU RoHS Directive	Compliant

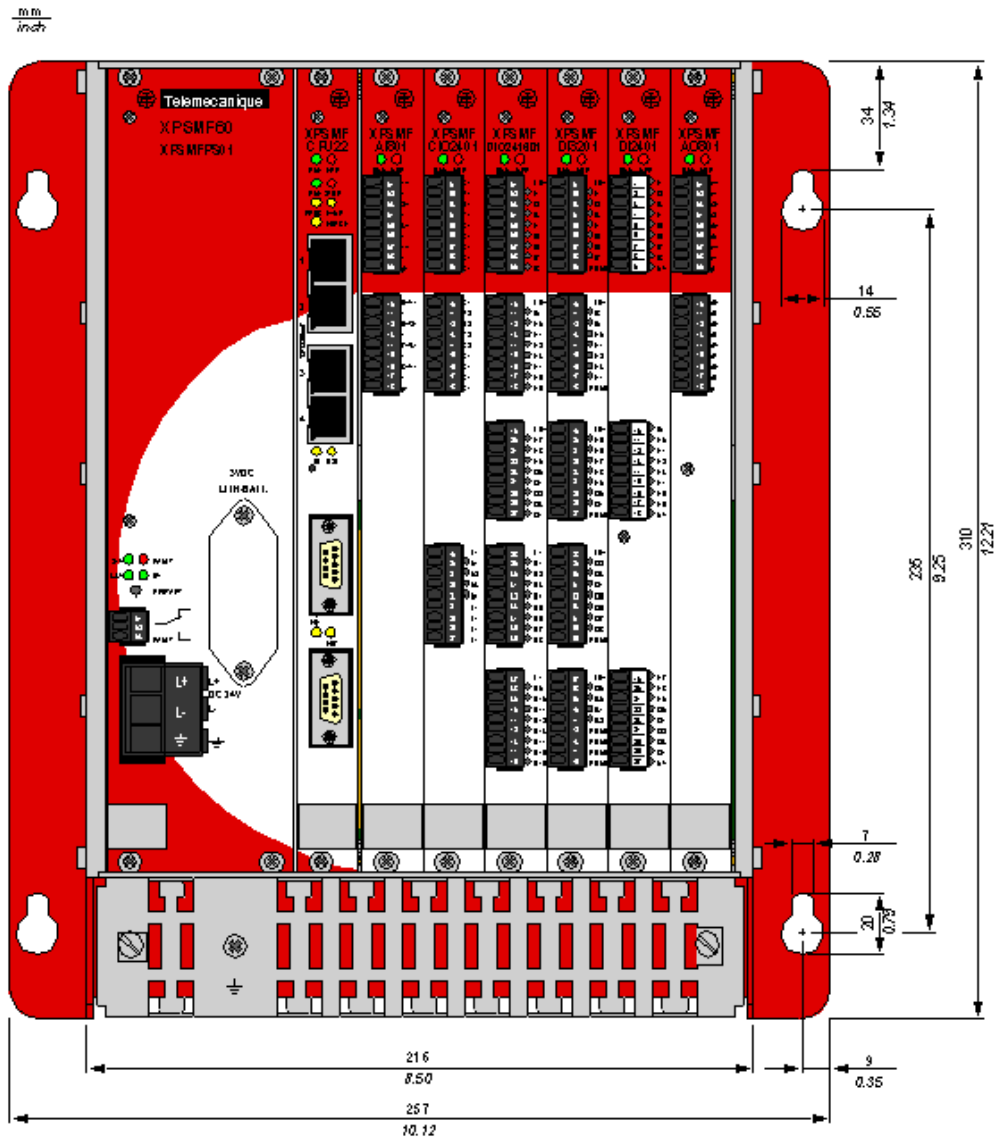
Use Longer

Lifetime extension	
Repair	No

Dimensions Drawings

Dimensions

Front View

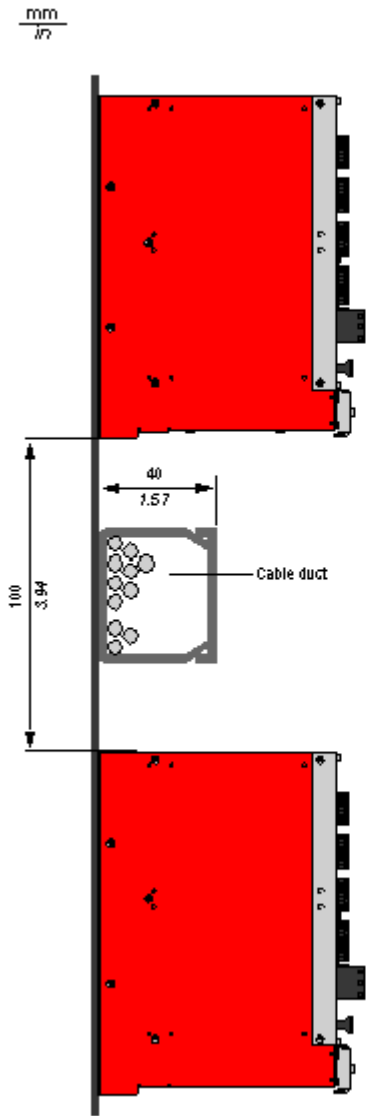


Max. module depth including screw terminals for the power supply: 239 mm/ 9.21 in.

Mounting and Clearance

Mounting

Air Circulation



Minimum clearances

