

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	DIN V 0801 DIN V 19250 EN 50156 pending IEC 61131
[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, clamping capacity: 1 x 0.75...1 x 16 mm ² , 19 flexible without cable end Removable screw clamp terminals, clamping capacity: 1 x 0.75...1 x 16 mm ² , 19 solid without cable end Removable screw clamp terminals, clamping capacity: 1 x 0.75...1 x 6 mm ² , AWG 20 flexible with cable end Removable screw clamp terminals, clamping capacity: 1 x 0.75...1 x 6 mm ² , AWG 20 flexible without cable end Removable screw clamp terminals, clamping capacity: 2 x 0.5...2 x 4 mm ² , AWG 20 flexible without cable end Removable screw clamp terminals, clamping capacity: 2 x 0.5...2 x 6 mm ² , AWG 20 flexible with cable end Removable screw clamp terminals, clamping capacity: 2 x 0.75...2 x 6 mm ² , 19 flexible without cable end Removable screw clamp terminals, clamping capacity: 2 x 0.75...2 x 6 mm ² , 19 solid without cable end
Current consumption	30 A at 24 V DC on power supply
Product weight	0.82 kg

Environment

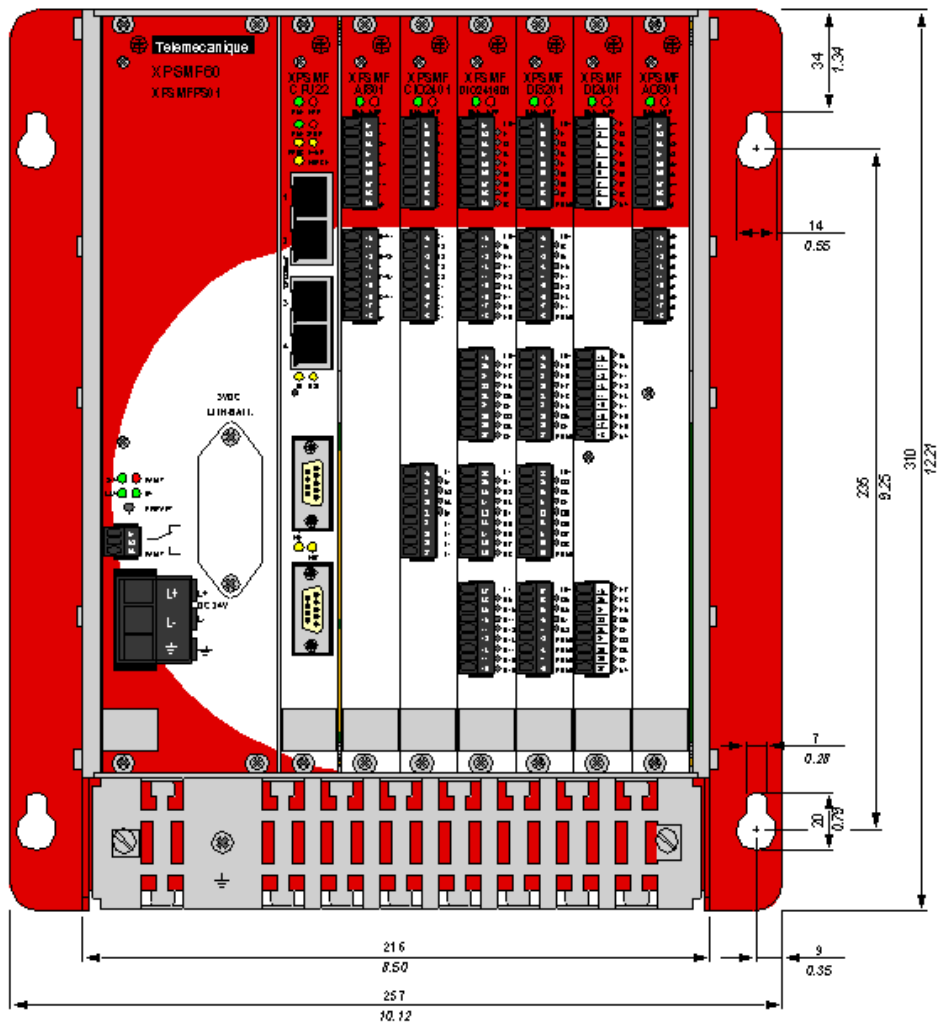
Immunity to microbreaks	10 ms
IP degree of protection	IP20 with covering plate on unused in rack I/O card slots
Ambient air temperature for operation	0...60 °C
Ambient air temperature for storage	-40...85 °C conforming to EN/IEC 61131-2
Relative humidity	95 % (supply not connected)
Operating altitude	< 2000 m
Pollution degree	2
Class of protection against electric shock	Class II conforming to IEC 61131-2
Electromagnetic compatibility	EN/IEC 61131-2
Vibration resistance	1 gn, 10...150 Hz conforming to EN 61131-2 (10 cycles per axis)
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 MHz...1 GHz), amplitude modulation 80 % conforming to EN/IEC 61000-4-3
RoHS EUR status	Compliant
RoHS EUR conformity date	0607

Dimensions

Front View

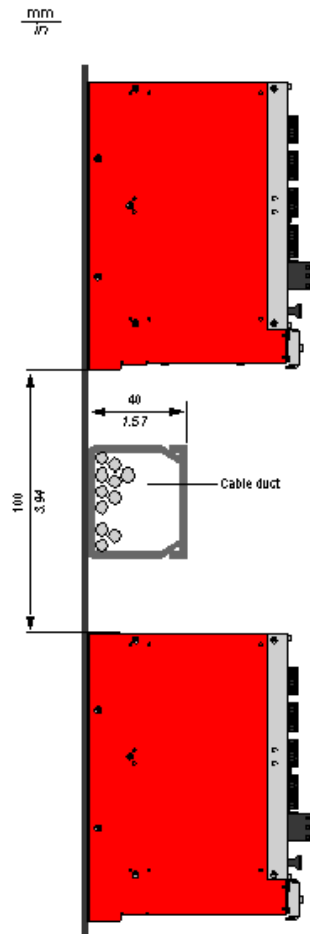
mm
inch



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

Mounting

Air Circulation



Minimum clearances

$\frac{\text{mm}}{17}$

