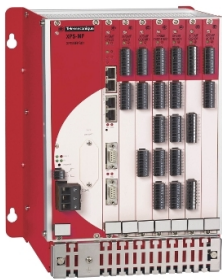




Product datasheet

Specifications



Prevent a safety PLC power supply - 30 A 24 V DC

XPSMFPS01

-  **Discontinued on:** 31 Dec 2019
-  **To be end-of-service on:** 31 Dec 2027

 **Discontinued**

EAN Code: 3389119010832

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 mm² (AWG 20) flexible with cable end Removable screw clamp terminals, 1 x 0.75...1 x 6 mm² (AWG 20) flexible without cable end Removable screw clamp terminals, 2 x 0.5...2 x 4 mm² (AWG 20) flexible without cable end Removable screw clamp terminals, 2 x 0.5...2 x 6 mm² (AWG 20) flexible with cable end Removable screw clamp terminals, 1 x 0.75...1 x 16 mm² (AWG 19) flexible without cable end Removable screw clamp terminals, 1 x 0.75...1 x 16 mm² (AWG 19) solid without cable end Removable screw clamp terminals, 2 x 0.75...2 x 6 mm² (AWG 19) flexible without cable end Removable screw clamp terminals, 2 x 0.75...2 x 6 mm² (AWG 19) solid without cable end |
| Current Consumption | 30 A at 24 V DC power supply |
| Net 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) |

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 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 |
| 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 |
| Unit Type Of Package 2 | S02 |
| Number Of Units In Package 2 | 1 |
| Package 2 Height | 15.0 cm |
| Package 2 Width | 30.0 cm |
| Package 2 Length | 40.0 cm |
| Package 2 Weight | 1.568 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 >](#)

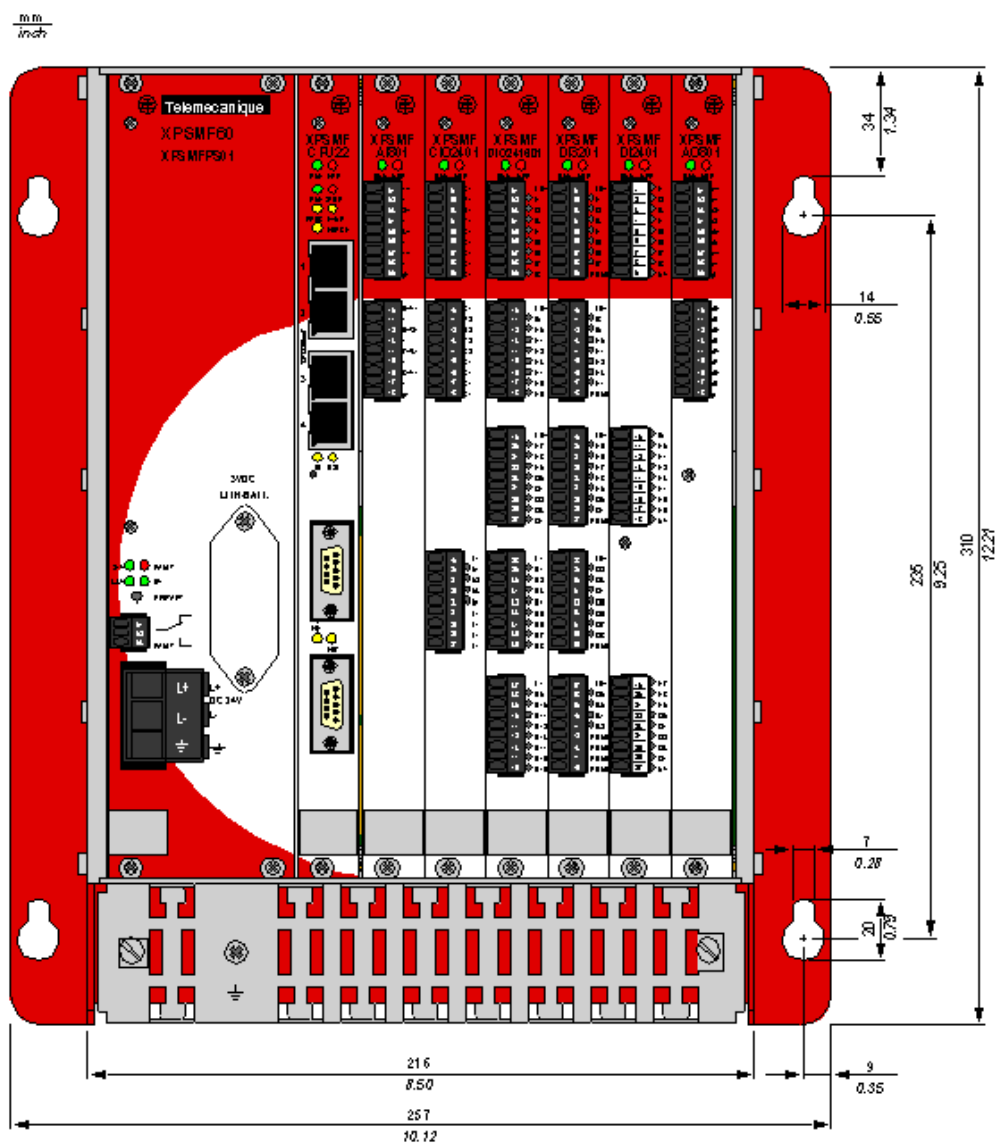
[Guide to assess a product’s sustainability >](#)

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 |

Dimensions

Front View

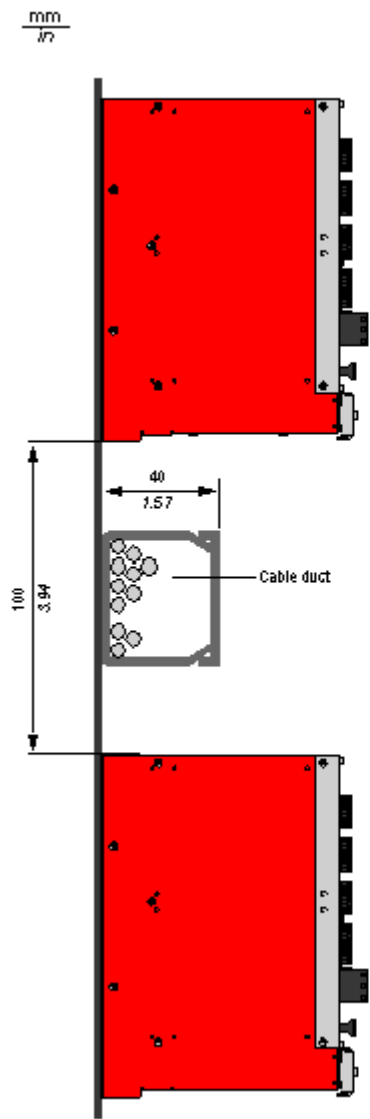


Max. module depth including screw terminals for the power supply: 239 mm/ 9.21 in.

Mounting and Clearance

Mounting

Air Circulation



Minimum clearances

