Product data sheet

Specifications



To be discontinued

module XPS-CM - single-beam photo-electric sensors - 24 V DC

XPSCM1144P

Discontinued on: Dec 27, 2024

To be end-of-service on: Dec 31, 2025

Product availability: Non-Stock - Not normally stocked in distribution facility

Price*: 750.00 USD

Main

Range of Product	Telemecanique Safety light curtains XUSL
Product or Component Type	Safety module
Safety module name	XPSCM
Safety module application	For monitoring of single beam photo-electric sensor
Function of module	Built-in muting
Safety level	Can reach category 2 with the appropriate control system and correctly wired EN/ISO 13849-1 Can reach SILCL 1 with the appropriate control system and correctly wired EN/IEC 62061 Can reach PL = c with the appropriate control system and correctly wired EN/ISO 13849-1
Safety reliability data	MTTFd = 16.6 years EN/ISO 13849-1 DC = 95.5 % EN/ISO 13849-1 PFH = 3.12E-7 1/h EN/IEC 61508 PFHd = 3.12E-7 1/h EN/IEC 62061
Number of inputs	2 MA, MB)muting function 4 Z1, Z2, Z3, Z4)sensor
Input voltage	24 V DCsensor 24 V DC U+, U-)muting function
Input compatibility	XC limit switch muting function XU2M18PP340... muting function XU2S18PP340... (infrared) sensor XU9M18PP340... muting function
Connections - terminals	Captive screw clamp terminals, removable terminal block, 1 x 0.2...1 x 2.5 mm² solid or flexible without cable end Captive screw clamp terminals, removable terminal block, 1 x 0.25...1 x 2.5 mm² flexible with cable end, with bezel Captive screw clamp terminals, removable terminal block, 1 x 0.25...1 x 2.5 mm² flexible with cable end, without bezel Captive screw clamp terminals, removable terminal block, 2 x 0.2...2 x 1 mm² solid without cable end Captive screw clamp terminals, removable terminal block, 2 x 0.2...2 x 1.5 mm² flexible without cable end Captive screw clamp terminals, removable terminal block, 2 x 0.25...2 x 1 mm² flexible with cable end, without bezel Captive screw clamp terminals, removable terminal block, 2 x 0.5...2 x 1.5 mm² flexible with cable end, with double bezel
Output type	Relay 2 NO 13-14, 23-24), volt-free
Number of additional circuits	0
[Us] Rated Supply Voltage	24 V DC - 20...20 %

Price is “List Price” and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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

Complementary

Sensor power supply	U+, U- 24 V DC
Maximum supply current for sensors	200 mA
Input current	200 mA muting function
Synchronisation time between inputs	3 s +/- 20 %) for the activation of the MA/MB muting signal
Muting maximum duration	60 s - 10...30 %)
Maximum line resistance	10 Ohm sensor power supply
Breaking capacity	180 VA holding AC-15 C300 relay output 1800 VA inrush AC-15 C300 relay output
Breaking capacity	20 mA 24 V solid state output 1.5 A 24 V DC-13)50 ms relay output
Associated fuse rating	4 A gG relay output DIN VDE 0660 part 200 4 A gG relay output EN/IEC 60947-5-1 6 A fast blow relay output DIN VDE 0660 part 200 6 A fast blow relay output EN/IEC 60947-5-1
Minimum output current	10 mA relay output
Minimum output voltage	17 V relay output
Maximum response time on input open	25 ms
Local signalling	1 LED electronic internal fuse status 1 LED restarting 1 LED safety outputs closed 1 LED safety outputs open 1 incandescent lamp muting 4…6.5 W
Output thermal current	5.6 A per relay 11 A maximum
Power Consumption in W	15 W
Protection Type	Electronic internal fuse
[Ui] rated insulation voltage	300 V 2)DIN VDE 0110 parts 1 and 2 300 V 2)EN/IEC 60947-5-1
[Uimp] rated impulse withstand voltage	4 kV III DIN VDE 0110 parts 1 and 2 4 kV III EN/IEC 60947-5-1

Environment

Ambient air temperature for operation	14…131 °F (-10…55 °C)
Ambient Air Temperature for Storage	-13…185 °F (-25…85 °C)
IP degree of protection	IP20 IEC 60529 terminals) IP40 IEC 60529 enclosure)

Ordering and shipping details

Category	US1SAF222477
Discount Schedule	SAF2
GTIN	3389110274134
Returnability	No
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE

Number of Units in Package 1	1
Package 1 Height	6.30 in (16 cm)
Package 1 Width	2.44 in (6.2 cm)
Package 1 Length	4.65 in (11.8 cm)
Package 1 Weight	14.5 oz (411 g)
Unit Type of Package 2	S03
Number of Units in Package 2	20
Package 2 Height	11.81 in (30 cm)
Package 2 Width	11.81 in (30 cm)
Package 2 Length	15.75 in (40 cm)
Package 2 Weight	19.661 lb(US) (8.918 kg)

Contractual warranty

Warranty	18 months

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 >

Environmental footprint

Carbon footprint (kg CO2 eq, Total Life cycle)	**650**
Environmental Disclosure	**Product Environmental Profile**

Use Better

Materials and Substances

Packaging made with recycled cardboard	**No**
Packaging without single use plastic	**No**
EU RoHS Directive	**Pro-active compliance (Product out of EU RoHS legal scope)**
SCIP Number	**72074428-0ffd-4bdf-ae6e-88e966f0bef1**
REACh Regulation	**REACh Declaration**
China RoHS Regulation	**China RoHS declaration**

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 cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov**
PVC free	**Yes**

Use Again

Repack and remanufacture

Circularity Profile	**End of Life Information**
WEEE	 **The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.**
Take-back	**No**

Dimensions Drawings

Dimensions

