



### 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 conforming to EN/ISO 13849-1 Can reach SILCL 1 with the appropriate control system and correctly wired conforming to EN/IEC 62061 Can reach PL = c with the appropriate control system and correctly wired conforming to EN/ISO 13849-1
Safety reliability data	MTTFd = 16.6 years conforming to EN/ISO 13849-1 DC = 95.5 % conforming to EN/ISO 13849-1 PFH = 3.12E-7 1/h conforming to EN/IEC 61508 PFHd = 3.12E-7 1/h conforming to EN/IEC 62061
Number of inputs	2 (terminal(s) MA, MB) for muting function 4 (terminal(s) Z1, Z2, Z3, Z4) for sensor
Input voltage	24 V DC for sensor 24 V DC (terminal(s) U+, U-) for muting function
Input compatibility	XC limit switch for muting function XU2M18PP340... for muting function XU2S18PP340... (infrared) for sensor XU9M18PP340... for muting function
Connections - terminals	Captive screw clamp terminals, removable terminal block, 1 x 0.2...1 x 2.5 mm <sup>2</sup> solid or flexible without cable end Captive screw clamp terminals, removable terminal block, 1 x 0.25...1 x 2.5 mm <sup>2</sup> flexible with cable end, with bezel Captive screw clamp terminals, removable terminal block, 1 x 0.25...1 x 2.5 mm <sup>2</sup> flexible with cable end, without bezel Captive screw clamp terminals, removable terminal block, 2 x 0.2...2 x 1 mm <sup>2</sup> solid without cable end Captive screw clamp terminals, removable terminal block, 2 x 0.2...2 x 1.5 mm <sup>2</sup> flexible without cable end Captive screw clamp terminals, removable terminal block, 2 x 0.25...2 x 1 mm <sup>2</sup> flexible with cable end, without bezel Captive screw clamp terminals, removable terminal block, 2 x 0.5...2 x 1.5 mm <sup>2</sup> 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 %

## Complementary

Sensor power supply	U+, U-: 24 V DC
Maximum supply current for sensors	200 mA
Input current	200 mA for 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 for 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 at 24 V for solid state output 1.5 A at 24 V (DC-13) time constant: 50 ms for relay output
Associated fuse rating	4 A gG for relay output conforming to DIN VDE 0660 part 200 4 A gG for relay output conforming to EN/IEC 60947-5-1 6 A fast blow for relay output conforming to DIN VDE 0660 part 200 6 A fast blow for relay output conforming to EN/IEC 60947-5-1
Minimum output current	10 mA for relay output
Minimum output voltage	17 V for relay output
Maximum response time on input open	25 ms
Local signalling	1 LED, function electronic internal fuse status 1 LED, function restarting 1 LED, function safety outputs closed 1 LED, function safety outputs open 1 incandescent lamp, function muting power consumption: 4...6.5 W
Output thermal current	5.6 A per relay 11 A maximum
Maximum power consumption in W	15 W
Protection type	Electronic internal fuse
[Ui] rated insulation voltage	300 V (pollution degree 2) conforming to DIN VDE 0110 parts 1 and 2 300 V (pollution degree 2) conforming to EN/IEC 60947-5-1
[Uimp] rated impulse withstand voltage	4 kV overvoltage category III conforming to DIN VDE 0110 parts 1 and 2 4 kV overvoltage category III conforming to EN/IEC 60947-5-1

## Environment

Ambient air temperature for operation	-10...55 °C
Ambient air temperature for storage	-25...85 °C
IP degree of protection	IP20 (terminals) conforming to IEC 60529 IP40 (enclosure) conforming to IEC 60529

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	393 g
Package 1 Height	16 cm
Package 1 width	6.2 cm
Package 1 Length	11.8 cm
Unit Type of Package 2	S03
Number of Units in Package 2	20
Package 2 Weight	8.616 kg
Package 2 Height	30 cm
Package 2 width	30 cm
Package 2 Length	40 cm

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS Declaration</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End Of Life Information</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
PVC free	Yes

## Contractual warranty

Warranty	18 months
----------	-----------

## Dimensions

