

XPSLCM1

connection box - for the muting function on light curtains monitored - 24 V DC



Main

Range of product	Preventa Safety detection
Product or component type	Connection box
Safety module name	XPSLC
Safety module application	For the muting function on light curtains monitored
Safety use category	Category 4 maximum conforming to ISO 13849-1 Category 4 maximum conforming to EN 60954-1
[Us] rated supply voltage	24 V DC (- 20...20 %) supply current: <= 30 mA
Number of inputs	2...4 per muting function
Input compatibility	Polarised reflex Sensor Through beam
Output type	2 PNP (terminals 1 and 2)
Connections - terminals	Captive screw clamp terminals, non removable: 2 x 0.5...2 x 1.5 mm ² flexible cable double, without cable end, with bezel Captive screw clamp terminals, non removable: 2 x 0.25...2 x 1 mm ² flexible cable without cable end, without bezel Captive screw clamp terminals, non removable: 1 x 0.25...1 x 2.5 mm ² flexible cable with cable end, without bezel Captive screw clamp terminals, non removable: 1 x 0.25...1 x 1.5 mm ² flexible cable with cable end, with bezel Captive screw clamp terminals, non removable: 1 x 0.14...1 x 2.5 mm ² solid or flexible cable without cable end

Complementary

Function of module	Muting
Synchronisation time between inputs	50 to 500 ms (configurable in light curtain XUSLDM in increments of 50 ms)
Muting maximum duration	2 min or unlimited
Marking	CE
Power consumption	<= 0.7 W
Sensor power supply	24 V DC
Maximum sensor supply current	< 20 mA
Breaking capacity	100 mA / 30 V
Local signalling	1 LED, function muting status (NPN) power consumption: 1...7 W
[Ui] rated insulation voltage	500 V
[Uimp] rated impulse withstand voltage	1.1 kV
Product weight	0.19 kg

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Environment

Product certifications	CSA TÜV UL
Ambient air temperature for operation	0...55 °C
Ambient air temperature for storage	-25...75 °C
IP degree of protection	IP20 (terminals) conforming to IEC 60529 IP20(Enclosure) conforming to IEC 60529
Shock resistance	6 gn for 16 ms conforming to IEC 60068-2-6
Vibration resistance	10 gn (10...55 Hz) conforming to IEC 60068-2-29

Offer Sustainability

Sustainable offer status	Not Green Premium product
RoHS (date code: YYWW)	Compliant - since 0828 - Schneider Electric declaration of conformity