XPSLCMUT1160

Module XPSLC - Monitoring mute function
safety light curtain - type2, type4

Main

Range of product	Preventa Safety automation
Product or component type	Preventa safety module
Safety module name	XPSLCM
Safety module application	For the muting function of type 2 and type 4 safety light curtains monitored
Function of module	Muting
Safety level	Can reach PL = e conforming to EN/ISO 13849-1 with the appropriate control system and correctly wired Can reach category 4 conforming to EN/ISO 13849-1 with the appropriate control system and correctly wired Can reach SILCL 3 conforming to EN/IEC 62061 with the appropriate control system and correctly wired
Safety reliability data	PFHd = 6.42E-9...5.03E-8 1/h conforming to EN/IEC 62061 B10d = 800000 conforming to EN/ISO 13849-1 MTTFd = 26...100 years conforming to EN/ISO 13849-1 DC = 96.2...98.9 % conforming to EN/ISO 13849-1
Synchronisation time between inputs	4 s of muting
Connections - terminals	Screw terminal
Output type	2 relay, 2 A at 24 V
Number of additional circuits	1 solid state PNP (NO), 100 mA for status on 24 V 1 solid state PNP (NO), 20.8...208 mA for lamp on 24 V
[Us] rated supply voltage	24 V DC (- 20...20 %)

Complementary

Muting maximum duration	30 s or unlimited
Marking	CE
Power consumption	<= 5 W
Number of devices	1
Number of inputs	2 per muting function
Sensor power supply	24 V
Maximum sensor supply current	10 mA
Input compatibility	Through beam photoelectric sensor dark-on operate (PNP) Polarised reflex photoelectric sensor Reflex photoelectric sensor
Response time on input open	<= 20 ms
[Ui] rated insulation voltage	300 V conforming to EN 50178
[Uimp] rated impulse withstand voltage	4 kV overvoltage category II, conforming to EN 50178
Local signalling	6 LEDs
Mounting support	35 mm symmetrical DIN rail
Depth	114.5 mm
Height	99 mm
Width	35 mm
Product weight	0.15 kg

Environment

Standards	EN/IEC 62061 EN/ISO 13849-1
Product certifications	CULus TÜV
IP degree of protection	IP2x conforming to IEC 60529
Ambient air temperature for operation	0...55 °C
Ambient air temperature for storage	-25...70 °C

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