



Main

Range of product	Preventa Safety automation
Product or component type	Safe communication expansion module
Device short name	XPSMCM
Safety level	Can reach SILCL 3 conforming to IEC 62061 Can reach SIL 3 conforming to EN/IEC 61508 Can reach PL = e conforming to EN/ISO 13849-1 Can reach category 4 conforming to EN/ISO 13849-1
Range compatibility	Preventa XPSMCM
Type of connector	4 ways RS485
Number of port	2
Communication port protocol	RS485
Product certifications	CULus TÜV
Quality labels	CE

Complementary

Current consumption	0.125 mA
[Us] rated supply voltage	24 V (- 20...20 %) DC
Power dissipation in W	3 W
Cable length	50 m
Local signalling	Red LED with E EX marking for external error Red LED with E IN marking for internal error Green LED with RUN marking for operating Green LED with ON marking for power ON
Connections - terminals	1-wire captive screw clamp terminals, removable terminal block 2-wire captive screw clamp terminals, removable terminal block
Cable cross section	(0.25...2.5 mm ² - AWG 24...AWG 14) solid cable without cable end (0.2...1 mm ² - AWG 24...AWG 18) solid cable without cable end (0.5...1.5 mm ² - AWG 20...AWG 16) flexible cable with cable end, with double bezel (0.25...2.5 mm ² - AWG 23...AWG 14) flexible cable with cable end, without bezel (0.25...2.5 mm ² - AWG 23...AWG 14) flexible cable with cable end, with bezel (0.25...1 mm ² - AWG 23...AWG 18) flexible cable with cable end, without bezel (0.2...2.5 mm ² - AWG 24...AWG 14) flexible cable without cable end (0.2...1.5 mm ² - AWG 24...AWG 16) flexible cable without cable end
Service life	20 yr
Insulation	250 V AC between power supply and housing conforming to EN/IEC 61800-5-1
Mounting support	Omega 35 mm DIN rail conforming to EN 50022
Width	22.5 mm
Height	99 mm
Depth	114.5 mm
Product weight	0.3 kg

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Environment

IP degree of protection	IP20
Number of terminals	4
Electromagnetic compatibility	Susceptibility to electromagnetic fields - test level 30 V/m, 1.4 GHz...2 GHz conforming to EN/IEC 61000-4-3 Susceptibility to electromagnetic fields - test level 10 V/m, 80...1000 MHz conforming to EN/IEC 61000-4-3 Electrostatic discharge immunity test - test level 20 kV, on air conforming to EN/IEC 61000-4-2 Electrostatic discharge immunity test - test level 6 kV, on contact conforming to EN/IEC 61000-4-2
Ambient air temperature for operation	-10...55 °C
Ambient air temperature for storage	-20...85 °C
Relative humidity	10...95 %
Pollution degree	2
Operating altitude	2000 m
Vibration resistance	+/-0.35 mm (f = 10...55 Hz) conforming to EN/IEC 61496-1
Shock resistance	10 gn (duration = 16 ms) shocks : 1000 shocks on each axis EN/IEC 61496-1
Overvoltage category	II

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1450 - Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Available