

XCSDMC59010EX

Coded magnetic switch, Telemecanique
Safety switches XCS, XCSDMC, 1 NC+1 NO,
staggered, cable 10 m



Main

Range of product	Telemecanique Safety switches XCS
Product or Component Type	Coded magnetic switch
Device short name	XCSDMC
Material	Plastic
Contacts type and composition	1 NC + 1 NO
Contact operation	Staggered
Electrical Connection	Pre-cabled
Cable composition	4 x 0.25 mm ²
Cable length	32.81 ft (10 m)
Design	Rectangular, compact
Size	51 x 16 x 7 mm
Number of poles	2

Complementary

[Sa] assured operating distance	0.20 in (5 mm)
[Sar] assured tripping distance	0.59 in (15 mm)
Approach directions	3 directions
[Ue] rated operational voltage	24 V DC
Maximum [Ie] rated operational current	100 mA
[Ui] rated insulation voltage	100 V DC
[Uimp] rated impulse withstand voltage	2.5 kV EN/IEC 60947-5-1
Resistance across terminals	10 Ohm
Short-circuit protection	500 mA external cartridge fuse gG (gl)
Contacts material	Rhodium
Electrical durability	1200000 cycles
Maximum switching voltage	100 V DC
Switching capacity in mA	0.1...100 mA
Insulation resistance	1000 MOhm
Breaking capacity	10 VA
Switching frequency	150 Hz
Product Weight	0.22 lb(US) (0.101 kg)

Environment

Safety level	Can reach category 4 with the appropriate monitoring system and correctly wired EN/ISO 13849-1 Can reach PL = e with the appropriate monitoring system and correctly wired EN/ISO 13849-1 Can reach SIL 3 with the appropriate monitoring system and correctly wired IEC 61508
Safety reliability data	B10d = 50000000 value given for a life time of 20 years limited by mechanical or contact wear
Protective treatment	TH
Ambient Air Temperature for Operation	-13...185 °F (-25...85 °C)
Ambient Air Temperature for Storage	-40...185 °F (-40...85 °C)
Vibration resistance	10 gn 10...150 Hz)IEC 60068-2-6
Shock resistance	30 gn 11 ms IEC 60068-2-27

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