

XCSDMC5915

Coded magnetic switch, Telemecanique
Safety switches XCS, XCSDMC, 1 NC + 1 NO,
staggered, 5 m



Main

Range of Product	Telemecanique Safety switches XCS
Product or Component Type	Coded magnetic switch
Component name	XCSDMC
Design	Rectangular, compact
Size	51 x 16 x 7 mm
Contacts type and composition	1 NC + 1 NO
Contact operation	Staggered
Material	Plastic
Electrical Connection	Pre-cabled
Cable composition	4 x 0.25 mm ²
Cable length	16.40 ft (5 m)
Number of poles	2
Local signalling	1 LED
Approach directions	3 directions
[Ue] rated operational voltage	24 V DC
[Ui] rated insulation voltage	100 V DC

Complementary

[Sa] assured operating distance	0.20 in (5 mm)
[Sar] assured tripping distance	0.59 in (15 mm)
Maximum [Ie] rated operational current	100 mA
[Uimp] rated impulse withstand voltage	2.5 kV EN/IEC 60947-5-1
Resistance across terminals	57 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	5...100 mA
Insulation resistance	1000 MOhm
Breaking capacity	3 VA
Switching frequency	150 Hz
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 EN/IEC 61508
Safety reliability data	B10d = 50000000 value given for a life time of 20 years limited by mechanical or contact wear
Enclosure Material	Thermoplastic PBT
Cable material	PVC
Depth	0.28 in (7 mm)
Height	2.01 in (51 mm)
Width	0.63 in (16 mm)
Net Weight	0.22 lb(US) (0.101 kg)

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