



XCSR MU3L01M12

Miniature Safety RFID switch, unlimited pairing enabled, Daisy-chain + EDM, 100mm cable + 8-pin M12 connector

COMMERCIALISED

Main

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|---------------------------|-----------------------------------|
| Range of product | Telemecanique Safety switches XCS |
| Product or component type | Preventa RFID safety switch |
| Component name | XCSR |

Complementary

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|--------------------------------|--|
| Design | Miniature |
| Size | Switch: 42 x 28.5 x 18 mm actuator: 42 x 28.5 x 18 mm |
| Material | Plastic |
| Electrical connection | Pigtail connector |
| Connector type | M12 male |
| Type of output stage | Solid-state, PNP |
| Safety outputs | 2 NO |
| Local signalling | Green, yellow and red 1 multi-colour LED |
| [Ue] rated operational voltage | 24 V DC (– 20...20 %) SELV or PELV conforming to IEC 60204-1 |
| Protection type | Short-circuit protection |
| Switching capacity in mA | 300 mA |
| Switching frequency | <= 0.5 Hz |
| Response time | <55 ms +12 ms per switch in daisy-chain (Risk time according to IEC 60947-5-3) |
| Tightening torque | 0.8...1.2 N.m |
| Standards | IEC 60947-5-3 ISO 14119 IEC 60947-5-2 |
| Product certifications | TÜV Ecolab |
| Marking | CE UKCA |

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|-----------------------------------|---|
| Safety level | SIL 3 conforming to IEC 61508 SILCL 3 conforming to IEC 62061 PL = e conforming to ISO 13849-1 category 4 conforming to ISO 13849-1 |
| Safety reliability data | PFHd = 2.62E-9 1/h conforming to IEC 62061 PFHd = 2.62E-9 1/h conforming to ISO 13849-1 |
| Vibration resistance | +/- 1 mm (f= 10-55Hz) conforming to IEC 60068-2-6 |
| Shock resistance | 30 gn for 11ms conforming to IEC 60068-2-27 |
| Electrical shock protection class | Class III conforming to IEC 61140 |
| IP degree of protection | IP65 conforming to IEC 60529 IP67 conforming to IEC 60529 |

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