

Main

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| Commercial Status | Commercialised |
| Range of product | Preventa XY2 |
| Product or component type | Latching emergency stop rope pull switch |
| Device short name | XY2CH |
| Local signalling | Without pilot light |
| Number of cables | 1 |
| Trigger cable maximum length | 30 m |
| Housing colour | Red RAL 3000 |
| Reset | By booted pushbutton |
| Contacts type and composition | 2 NC |
| Trigger cable anchor point | RH or LH side |
| Connections - terminals | Screw clamp terminal 1 x 0.5...2 x 1.5 mm ² |

Complementary

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|--|---|
| Contacts operation | Slow-break |
| Tightening torque | 0.8...1.2 N.m |
| Cable entry | 3 entries tapped for M20 x 1.5 cable gland |
| Mechanical durability | 800000 cycles |
| Distance between cable supports | 5 m |
| [Ie] rated operational current | 0.27 A at 250 V DC-13, Q300 conforming to EN/IEC 60947-5-1 appendix A 3 A at 240 V AC-15, A300 conforming to EN/IEC 60947-5-1 appendix A |
| [Ithe] conventional enclosed thermal current | 10 A |
| [Ui] rated insulation voltage | 400 V, degree of pollution: 3 conforming to EN/IEC 60947-1 300 V conforming to UL 508 300 V conforming to CSA C22-2 No 14 |
| [Uimp] rated impulse withstand voltage | 6 kV |
| Positive opening | With conforming to EN/IEC 60947-5-1 section 3 |
| Resistance across terminals | <= 25 MOhm conforming to NF C 93-050 method A <= 25 MOhm conforming to EN/IEC 60255-7 category 3 |
| Short circuit protection | 10 A cartridge fuse, gG conforming to EN/IEC 60269 |
| Height | 68 mm |
| Width | 201 mm |
| Depth | 95 mm |
| Terminals description ISO n°1 | (21-22)NC (11-22)NC |
| Product weight | 0.865 kg |

Environment

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| Standards | EN/IEC 60947-5-1 EN/IEC 60947-5-5 EN/ISO 13850 UL 508 |
| Safety level | Can reach SIL 3 conforming to EN/IEC 61508 Can reach category 4 conforming to EN/ISO 13849-1 (with the appropriate monitoring system and correctly wired) Can reach PL = e conforming to EN/ISO 13849-1 (with the appropriate monitoring system and correctly wired) |
| Safety reliability data | B10d = 4000000 (value given for a life time of 20 years limited by mechanical or contact wear) |
| Product certifications | CCC CSA UL |
| Protective treatment | TC |
| Ambient air temperature for operation | -25...70 °C |
| Ambient air temperature for storage | -40...70 °C |
| Vibration resistance | 10 gn (f = 10...150 Hz) conforming to EN/IEC 60068-2-6 |
| Shock resistance | 50 gn (11 ms) conforming to EN/IEC 60068-2-27 |
| Class of protection against electric shock | Class I conforming to NF C 20-030 Class I conforming to EN/IEC 61140 |
| IP degree of protection | IP65 |

RoHS compliance

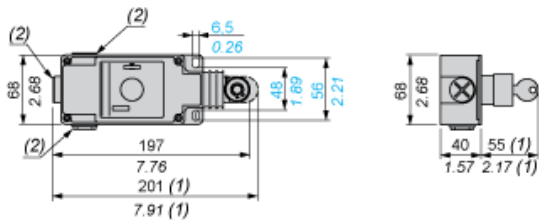
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|--------------------------------|-----------|
| RoHS EUR status | Compliant |
| RoHS EUR conformity date(YYWW) | 1004 |

Contractual warranty

| | |
|--------|-----------|
| Period | 18 months |
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Dimensions

mm
in.



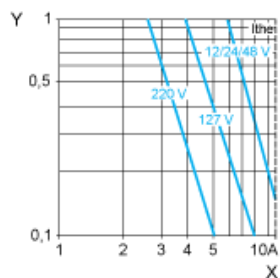
- (1) Maximum extension.
- (2) Tapped entries for n° 13 (Pg 13.5) cable gland or ISO M20, refer to the product characteristics.

Electrical Durability of Contacts

AC-15 Utilization Category

Operating rate: 3600 operating cycles/hour. Load factor: 0.5.

Inductive circuit



X Current in A
Y Millions of operating cycles

DC-13 Utilization Category

Refer to the product characteristic "Operational power in W".