



### Main

|                               |  |
|-------------------------------|--|
| 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 + 1 NO  |
| Trigger cable anchor point    | RH or LH side  |
| Connections - terminals       | Screw clamp terminal 1 x 0.5...2 x 1.5 mm <sup>2</sup> |

### Complementary

|  |   |
|--|---|
| Contacts operation                           | Slow-break  |
| Tightening torque                            | 0.8...1.2 N.m   |
| Cable entry number                           | 3 tapped entry for Pg 13.5 cable gland  |
| Mechanical durability                        | 800000 cycles   |
| Distance between cable supports              | 5 m   |
| [Ie] rated operational current               | 0.1 A at 250 V DC-13, R300 conforming to EN/IEC 60947-5-1 appendix A<br>0.75 A at 240 V AC-15, C300 conforming to EN/IEC 60947-5-1 appendix A |
| [Ithe] conventional enclosed thermal current | 10 A  |
| [Ui] rated insulation voltage                | 300 V conforming to CSA C22.2 No 14<br>400 V, degree of pollution: 3 conforming to EN/IEC 60947-1<br>300 V conforming to UL 508               |
| [Uimp] rated impulse withstand voltage       | 4 kV  |
| Positive opening                             | With conforming to EN/IEC 60947-5-1   |
| Resistance across terminals                  | <= 25 MOhm conforming to NF C 93-050 method A<br><= 25 MOhm conforming to EN/IEC 60255-7 category 3   |
| Short circuit protection                     | 6 A cartridge fuse, gG conforming to EN/IEC 60269   |
| Height                                       | 68 mm   |
| Width  | 201 mm  |
| Depth  | 95 mm   |
| Terminals description ISO n°1                | (13-14)NO<br>(21-22)NC<br>(31-32)NC   |
| Product weight                               | 0.865 kg  |

## Environment

|                                       |  |
|---------------------------------------|--|
| Standards                             | EN/IEC 60947-5-1<br>EN/IEC 60947-5-5<br>EN/ISO 13850<br>UL 508<br>Machinery directive 2006/42/EC<br>Work equipment directive 2009/104/EC   |
| Safety level                          | Can reach SIL 3 conforming to EN/IEC 61508<br>Can reach category 4 conforming to EN/ISO 13849-1 (with the appropriate monitoring system and correctly wired)<br>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<br>CSA<br>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  |
| IP degree of protection               | IP65   |