



### Main

|                           |                                                                         |
|---------------------------|-------------------------------------------------------------------------|
| Range of product          | Preventa XY2                                                            |
| Product or component type | Latching emergency stop rope pull switch                                |
| Device short name         | XY2CH                                                                   |
| Housing colour            | Red RAL 3000                                                            |
| Overvoltage category      | Class I conforming to EN/IEC 61140<br>Class I conforming to NF C 20-030 |

### Complementary

|                                              |                                                                                                                                                                                                                                                                                                                                   |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Local signalling                             | Without pilot light                                                                                                                                                                                                                                                                                                               |
| Number of cables                             | 1                                                                                                                                                                                                                                                                                                                                 |
| Trigger cable maximum length                 | 30 m                                                                                                                                                                                                                                                                                                                              |
| Body material                                | Zamak                                                                                                                                                                                                                                                                                                                             |
| Cover material                               | Stainless steel                                                                                                                                                                                                                                                                                                                   |
| Reset                                        | By booted push-button                                                                                                                                                                                                                                                                                                             |
| Contacts type and composition                | 2 NC                                                                                                                                                                                                                                                                                                                              |
| Contact operation                            | Slow-break                                                                                                                                                                                                                                                                                                                        |
| 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>                                                                                                                                                                                                                                                                           |
| Tightening torque                            | 0.8...1.2 N.m                                                                                                                                                                                                                                                                                                                     |
| Cable entry number                           | 3 tapped entry for Pg 13.5 cable gland                                                                                                                                                                                                                                                                                            |
| Safety level                                 | Can reach PL = e with the appropriate monitoring system and correctly wired conforming to EN/ISO 13849-1<br>Can reach category 4 with the appropriate monitoring system and correctly wired conforming to EN/ISO 13849-1<br>Can reach SIL 3 with the appropriate monitoring system and correctly wired conforming to EN/IEC 61508 |
| Safety reliability data                      | B10d = 4000000 conforming to IEC 60947-5-5 value given for a life time of 20 years limited by mechanical or contact wear                                                                                                                                                                                                          |
| Marking                                      | CE                                                                                                                                                                                                                                                                                                                                |
| Mechanical durability                        | 800000 cycles                                                                                                                                                                                                                                                                                                                     |
| Distance between cable supports              | 5 m                                                                                                                                                                                                                                                                                                                               |
| [Ie] rated operational current               | 3 A at 240 V, AC-15, A300 conforming to EN/IEC 60947-5-1 appendix A<br>0.27 A at 250 V, DC-13, Q300 conforming to EN/IEC 60947-5-1 appendix A                                                                                                                                                                                     |
| [Ithe] conventional enclosed thermal current | 10 A                                                                                                                                                                                                                                                                                                                              |
| [Ui] rated insulation voltage                | 500 V (pollution degree 3) conforming to EN/IEC 60947-1<br>300 V conforming to UL 508                                                                                                                                                                                                                                             |
| [Uimp] rated impulse withstand voltage       | EN/IEC 60947-1 6 kV                                                                                                                                                                                                                                                                                                               |
| Positive opening                             | With conforming to EN/IEC 60947-5-1                                                                                                                                                                                                                                                                                               |
| Maximum resistance across terminals          | 25 MOhm conforming to EN/IEC 60255-7 category 3<br>25 MOhm conforming to NF C 93-050 method A                                                                                                                                                                                                                                     |
| Short-circuit protection                     | 10 A cartridge fuse type gG conforming to EN/IEC 60269                                                                                                                                                                                                                                                                            |
| Terminals description ISO n°1                | (21-22)NC<br>(13-14)NO                                                                                                                                                                                                                                                                                                            |
| Net weight                                   | 0.91 kg                                                                                                                                                                                                                                                                                                                           |
| Compatibility code                           | XY2CH                                                                                                                                                                                                                                                                                                                             |

## Environment

|                                       |                                                                                                                                                   |
|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| Standards                             | Machinery directive 2006/42/EC<br>CSA C22.2 No 14<br>EN/ISO 13850<br>Work equipment directive 2009/104/EC<br>EN/IEC 60947-5-1<br>EN/IEC 60947-5-5 |
| Product certifications                | UL category NISD emergency stop devices<br>CCC                                                                                                    |
| 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...300 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               | IP66 conforming to IEC 60529                                                                                                                      |

## Packing Units

|                  |          |
|------------------|----------|
| Package 1 Weight | 1.050 kg |
| Package 1 Height | 0.910 dm |
| Package 1 width  | 0.800 dm |
| Package 1 Length | 1.950 dm |

## Offer Sustainability

|                            |                                                                                                |
|----------------------------|------------------------------------------------------------------------------------------------|
| Sustainable offer status   | Green Premium product                                                                          |
| EU RoHS Directive          | Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a> |
| Mercury free               | Yes                                                                                            |
| RoHS exemption information | <a href="#">Yes</a>                                                                            |
| Environmental Disclosure   | <a href="#">Product Environmental Profile</a>                                                  |