



### Main

|                           |  |
|---------------------------|--|
| Range of product          | Preventa XY2                             |
| Product or component type | Latching emergency stop rope pull switch |
| Device short name         | XY2C                                     |
| Housing colour            | Red RAL 3000                             |
| Overvoltage category      | Class I conforming to EN/IEC 61140       |

### Complementary

|                               |   |
|-------------------------------|---|
| Local signalling              | Color indicator   |
| Number of cables              | 1   |
| Trigger cable maximum length  | 20 m  |
| Body material                 | Zamak   |
| Head material                 | PA (polyamide)  |
| Cover material                | Galvanised steel  |
| Reset                         | By pull button  |
| Contacts type and composition | 1 NC + 1 NO   |
| 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            | 1 tapped entry for Pg 13.5 cable gland  |
| Safety level                  | Can reach category 4 with the appropriate monitoring system and correctly wired conforming to EN/ISO 13849-1<br>Can reach PL = e 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 = 500000 with value given for a life time of 20 years limited by mechanical or contact wear conforming to IEC 60947-5-5  |
| Marking                       | CE  |

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

|  |  |
|--|--|
| Mechanical durability                        | 100000 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 (degree of pollution: 3) conforming to EN/IEC 60947-1<br>300 V (degree of pollution: conforming to UL 508<br>300 V (degree of pollution: conforming to CSA C22.2 No 14 |
| [Uimp] rated impulse withstand voltage       | 6 kV conforming to EN/IEC 60947-1  |
| 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                     | 10 A by gG cartridge fuse conforming to EN/IEC 60269   |
| Terminals description ISO n°1                | (21-22)NC<br>(13-14)NO   |
| Product weight                               | 0.455 kg   |

## Environment

|                                       |   |
|---------------------------------------|---|
| Standards                             | Machinery directive 2006/42/EC<br>EN/IEC 60204-1<br>EN/IEC 60947-5-1<br>CSA C22.2 No 14<br>Work equipment directive 2009/104/EC<br>EN/ISO 13850<br>UL 508<br>EN/IEC 60947-5-5 |
| Product certifications                | UL for category NISD emergency stop devices<br>CSA<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...150 Hz) conforming to EN/IEC 60068-2-6  |
| Shock resistance                      | 50 gn for 11 ms conforming to EN/IEC 60068-2-27   |
| IP degree of protection               | IP66 for conforming to IEC 60529<br>IP67 for conforming to IEC 60529  |

## Offer Sustainability

|                                  |   |
|----------------------------------|---|
| Sustainable offer status         | Green Premium product   |
| RoHS (date code: YYWW)           | Compliant - since 1415 - Schneider Electric declaration of conformity<br><a href="#">Schneider Electric declaration of conformity</a> |
| REACH                            | Reference not containing SVHC above the threshold<br><a href="#">Reference not containing SVHC above the threshold</a>                |
| Product environmental profile    | Available<br><a href="#">Product environmental</a>  |
| Product end of life instructions | Need no specific recycling operations   |