



## 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 key-release push-button                                                                                                                                                                                                                                                                                                        |
| Key number                    | 421                                                                                                                                                                                                                                                                                                                               |
| 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            | 3 tapped entry for ISO M20 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 = 4000000 with value given for a life time of 20 years limited by mechanical or contact wear conforming to IEC 60947-5-5                                                                                                                                                                                                     |

|                                              |                                                                                                                                             |
|----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| 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 (degree of pollution: 3) conforming to EN/IEC 60947-1<br>300 V (degree of pollution: conforming to UL 508                             |
| [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                | (13-14)NO<br>(21-22)NC                                                                                                                      |
| Product weight                               | 0.91 kg                                                                                                                                     |

## Environment

|                                       |                                                                                                                                                  |
|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| Standards                             | EN/IEC 60204-1<br>EN/IEC 60947-5-1<br>EN/IEC 60947-5-5<br>EN/ISO 13850<br>Machinery directive 2006/42/EC<br>Work equipment directive 2009/104/EC |
| Product certifications                | UL for 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...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               | IP65 for conforming to IEC 60529                                                                                                                 |

## Offer Sustainability

|                                  |                                                                                                                                                                                                                           |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status         | Green Premium product                                                                                                                                                                                                     |
| RoHS (date code: YYWW)           | Compliant - since 1004 - 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 Profile</a>                                                                            |
| Product end of life instructions | Need no specific recycling operations                                                                                                                                                                                     |

## Contractual warranty

|                 |           |
|-----------------|-----------|
| Warranty period | 18 months |
|-----------------|-----------|