

## XY2CE1A250H7

e-stop rope pull switch XY2CE - RH side -1NC  
+1NO - booted pushbutton



### Main

|                           |                                                                         |
|---------------------------|-------------------------------------------------------------------------|
| Range of product          | Preventa XY2                                                            |
| Product or component type | Latching emergency stop rope pull switch                                |
| Device short name         | XY2CE                                                                   |
| Housing colour            | Red RAL 3000                                                            |
| Overtoltage 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  | 70 m                  |
| Body material                 | Zamak                 |
| Cover material                | Stainless steel       |
| Reset                         | By booted push-button |
| Contacts type and composition | 1 NC + 1 NO           |
| Contact operation             | Slow-break            |

|                                              |                                                                                                                                                                                                                                                                                                                                   |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Trigger cable anchor point                   | RH 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 1/2" NPT conduit entry                                                                                                                                                                                                                                                                                         |
| 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 = 300000 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                        | 60000 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 EN/IEC 60255-7 category 3<br><= 25 MOhm conforming to NF C 93-050 method A                                                                                                                                                                                                                               |
| 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                               | 1.45 kg                                                                                                                                                                                                                                                                                                                           |

## Environment

|                                       |                                                                                                                                                                               |
|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Standards                             | EN/IEC 60204-1<br>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>CSA C22.2 No 14<br>Work equipment directive 2009/104/EC |
| 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...300 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                                                                                                                                              |

## Offer Sustainability

|                                  |                                                                                       |
|----------------------------------|---------------------------------------------------------------------------------------|
| Sustainable offer status         | Green Premium product                                                                 |
| RoHS (date code: YYWW)           | Compliant - since 0931 - <a href="#">Schneider Electric declaration of conformity</a> |
| REACH                            | Reference not containing SVHC above the threshold                                     |
| Product environmental profile    | Available <a href="#">Download Product Environmental</a>                              |
| Product end of life instructions | Need no specific recycling operations                                                 |

Technical drawing of a mechanical part, likely a bracket or connector, showing two views: a front view and a side view. The front view shows a T-shaped component with a central vertical section and a horizontal base. It features a central hole with a cross-hatch pattern, a smaller hole with a cross-hatch pattern, and a larger hole with a cross-hatch pattern. The side view shows the profile of the component, including a flange with a central hole and a smaller hole. Dimensions are provided in millimeters (mm) and inches (in.).

**Front View Dimensions:**

- Overall width: 229 (2) mm / 9.02 (2) in.
- Overall height: 142 mm / 5.59 in.
- Top flange width: 195 mm / 7.68 in.
- Top flange thickness: 6 mm / 0.24 in.
- Top flange hole diameter: 12 mm / 0.47 in.
- Top flange hole offset: 120 mm / 4.72 in.
- Top flange hole diameter: 44 mm / 1.73 in.
- Top flange hole offset: 63 mm / 2.48 in.
- Top flange hole diameter: 31 mm / 1.22 in.
- Top flange hole offset: 82 mm / 3.23 in.
- Top flange hole diameter: 57.5 mm / 2.26 in.

**Side View Dimensions:**

- Overall width: 105 (2) mm / 4.13 (2) in.
- Overall height: 52 mm / 2.05 in.
- Top flange thickness: 20 mm / 0.79 in.
- Top flange hole diameter: 28 mm / 1.1 in.
- Top flange hole offset: 25 mm / 0.98 in.

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Electrical Curves

AC Supply 50/60 Hz Inductive Circuit

2-pole Contact Block



Y Millions of operating cycles  
X Current in A

DC Supply Power Broken in for 1 Million Operating Cycles Inductive Circuit

|           |   |    |    |     |
|-----------|---|----|----|-----|
| Voltage   | V | 24 | 48 | 120 |
| <i>mm</i> | W | 13 | 9  | 7   |