

# XY2CE1A270EX

Latching emergency stop trip wire switch,  
Telemecanique Emergency stop rope pull  
switches XY2C, rope pull e XY2CE, RH side  
-2NC, booted pushbutton



## Main

|                               |                                                      |
|-------------------------------|------------------------------------------------------|
| Range of product              | Telemecanique Emergency stop rope pull switches XY2C |
| Product or component type     | Latching emergency stop trip wire switch             |
| Device short name             | XY2CE                                                |
| Local signalling              | Without pilot light                                  |
| Reset                         | By booted push-button                                |
| Contacts type and composition | 2 NC                                                 |
| Trigger cable anchor point    | RH side                                              |

## Complementary

|                                              |                                                                                                                                                                                                                                                                        |
|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Number of cables                             | 1                                                                                                                                                                                                                                                                      |
| Trigger cable maximum length                 | 70 m                                                                                                                                                                                                                                                                   |
| Housing colour                               | Red RAL 3000                                                                                                                                                                                                                                                           |
| Auxiliary contacts operation                 | Slow-break                                                                                                                                                                                                                                                             |
| 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 plain hole for ISO M20 cable gland<br>2 plain hole with blanking plug for                                                                                                                                                                                            |
| Marking                                      | II2 D-Ex tb IIIC T85°C Db IP65                                                                                                                                                                                                                                         |
| 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 conforming to EN/IEC 61508 |
| Safety reliability data                      | B10d = 300000 value given for a life time of 20 years limited by mechanical or contact wear                                                                                                                                                                            |
| Mechanical durability                        | 60000 cycles                                                                                                                                                                                                                                                           |
| Distance between cable supports              | 10 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                | 400 V (pollution degree 3) conforming to EN/IEC 60947-1<br>300 V conforming to UL 508<br>300 V conforming to CSA C22.2 No 14                                                                                                                                           |
| [Uimp] rated impulse withstand voltage       | 4 kV                                                                                                                                                                                                                                                                   |
| Positive opening                             | With conforming to EN/IEC 60947-5-1 section 3                                                                                                                                                                                                                          |
| 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                                                                                                                                                                                                                 |
| Width                                        | 195 mm                                                                                                                                                                                                                                                                 |
| Depth                                        | 105 mm                                                                                                                                                                                                                                                                 |
| Height                                       | 142 mm                                                                                                                                                                                                                                                                 |

## Environment

|                                       |                                                                         |
|---------------------------------------|-------------------------------------------------------------------------|
| Standards                             | EN/IEC 60079-0<br>EN/IEC 60079-31                                       |
| Directives                            | 2014/34/EU - ATEX directive                                             |
| Dust zone                             | Zone 21 - 22                                                            |
| Product certifications                | INERIS 04ATEX0015[RETURN]IEC-Ex INE 16.0001X                            |
| Protective treatment                  | TC                                                                      |
| Ambient air temperature for operation | -20...60 °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                             |
| Electrical shock protection class     | Class I conforming to EN/IEC 61140<br>Class I conforming to NF C 20-030 |
| IP degree of protection               | IP65                                                                    |

## Packing Units

|                              |          |
|------------------------------|----------|
| Unit Type of Package 1       | PCE      |
| Number of Units in Package 1 | 1        |
| Package 1 Height             | 20.5 cm  |
| Package 1 Width              | 15.5 cm  |
| Package 1 Length             | 9 cm     |
| Package 1 Weight             | 1.597 kg |

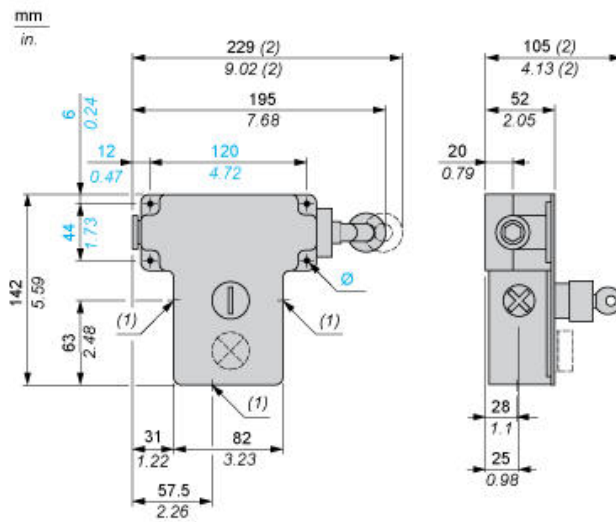
## Offer Sustainability

|                                            |                                                                                                                                                                                                                                                                                                                                                                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status                   | Green Premium product                                                                                                                                                                                                                                                                                                                                                             |
| Circularity Profile                        | No need of specific recycling operations                                                                                                                                                                                                                                                                                                                                          |
| California proposition 65                  | WARNING: This product can expose you to chemicals including: Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |
| For all Reach Rohs enquiries contact us at | <a href="mailto:sustainability@tesensors.com">sustainability@tesensors.com</a>                                                                                                                                                                                                                                                                                                    |

## Contractual warranty

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

## Dimensions

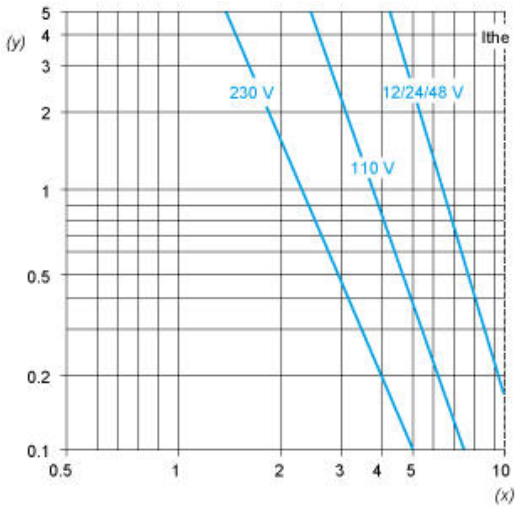


- (1) 3 plain holes for n° 13 (Pg 13.5) cable gland
  - (2) Maximum extension.
- Ø 4 elongated holes Ø 6 mm/0.24 in.

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 |
| mm      | W | 13 | 9  | 7   |