

# XY2CEDC590

Dual emergency stop rope pull switch,  
Telemecanique rope pull switches XY2C, e  
2x(1NC+1NO), Pg13.5, key release pb



## Main

|                           |  |
|---------------------------|--|
| Range of Product          | Telemecanique Emergency stop rope pull switches XY2C |
| Product or Component Type | Dual emergency stop rope pull switch                 |
| Device short name         | XY2CED   |
| Housing colour            | Red RAL 3000   |
| Overvoltage category      | Class I EN/IEC 61140                                 |

## Complementary

|  |   |
|--|---|
| Local signalling                             | Without pilot light   |
| Number of cables                             | 2   |
| Trigger cable maximum length                 | 2 x 328.08 ft (100 m)   |
| Bellow material                              | Silicone  |
| Body Material                                | Zamak   |
| Cover Material                               | Stainless steel   |
| Reset  | By key-release push-button  |
| Key number                                   | 455   |
| Contacts type and composition                | 2 x (1 NC + 1 NO)   |
| Contact operation                            | Slow-break  |
| Trigger cable anchor point                   | RH and LH sides   |
| Connections - terminals                      | Screw clamp terminal, 1 x 0.5...2 x 1.5 mm <sup>2</sup>   |
| Tightening torque                            | 7.08...10.62 lbf.in (0.8...1.2 N.m)   |
| Cable entry number                           | 3 plain hole Pg 13.5 or ISO M20 cable gland   |
| Safety level                                 | Can reach PL = e with the appropriate monitoring system and correctly wired EN/ISO 13849-1<br>Can reach category 4 with the appropriate monitoring system and correctly wired EN/ISO 13849-1<br>Can reach SIL 3 with the appropriate monitoring system and correctly wired EN/IEC 61508 |
| Safety reliability data                      | B10d = 300000 value given for a life time of 20 years limited by mechanical or contact wear IEC 60947-5-5   |
| Marking                                      | CE  |
| Mechanical durability                        | 60000 cycles  |
| Distance between cable supports              | 9.84...16.40 ft (3...5 m)   |
| [Ie] rated operational current               | 3 A 240 V, AC-15, A300 EN/IEC 60947-5-1 appendix A<br>0.27 A 250 V, DC-13, Q300 EN/IEC 60947-5-1 appendix A   |
| [Ithe] conventional enclosed thermal current | 10 A  |
| [Ui] rated insulation voltage                | 500 V 3)EN/IEC 60947-1<br>300 VUL 508<br>300 VCSA C22.2 No 14   |
| [Uimp] rated impulse withstand voltage       | 6 kV EN/IEC 60947-1   |
| Positive opening                             | With EN/IEC 60947-5-1   |
| Maximum resistance across terminals          | 25 MOhm EN/IEC 60255-7 category 3   |
| Short-circuit protection                     | 10 A cartridge fuse gG EN/IEC 60269   |

|                               |                        |
|-------------------------------|------------------------|
| Terminals description ISO n°1 | (21-22)NC<br>(13-14)NO |
| Net Weight                    | 4.19 lb(US) (1.9 kg)   |
| Compatibility code            | XY2CED                 |

## Environment

|                                       |   |
|---------------------------------------|---|
| Standards                             | EN/IEC 60947-5-5<br>Machinery directive 2006/42/EC<br>EN/IEC 60204-1<br>CSA C22.2 No 14<br>EN/IEC 60947-5-1<br>Work equipment directive 2009/104/EC<br>UL 508<br>EN/ISO 13850 |
| Product certifications                | UL category NISD emergency stop devices<br>CSA<br>CCC<br>EAC  |
| Protective treatment                  | TC  |
| Ambient Air Temperature for Operation | -13...158 °F (-25...70 °C)  |
| Ambient Air Temperature for Storage   | -40...158 °F (-40...70 °C)  |
| Vibration resistance                  | 10 gn 10...300 Hz)EN/IEC 60068-2-6  |
| Shock resistance                      | 50 gn 11 ms EN/IEC 60068-2-27   |
| IP degree of protection               | IP65 IEC 60529  |





## Ordering and shipping details

|                   |                                 |
|-------------------|---------------------------------|
| Category          | 22441-LIMIT SWITCHES,CABLE PULL |
| Discount Schedule | T                               |
| GTIN              | 3606480880094                   |
| Returnability     | No                              |
| Country of origin | MA                              |

## Packing Units

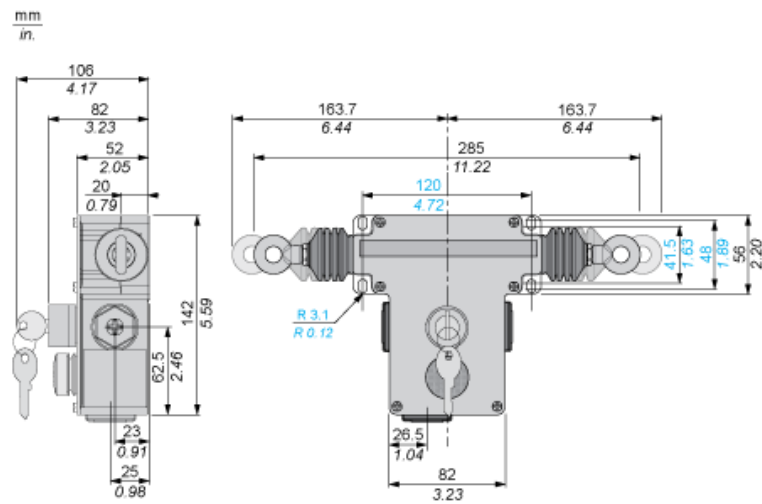
|                              |                       |
|------------------------------|-----------------------|
| Unit Type of Package 1       | PCE                   |
| Number of Units in Package 1 | 1                     |
| Package 1 Height             | 4.02 in (10.2 cm)     |
| Package 1 Width              | 6.26 in (15.9 cm)     |
| Package 1 Length             | 12.17 in (30.9 cm)    |
| Package 1 Weight             | 4.74 lb(US) (2.15 kg) |

## Offer Sustainability

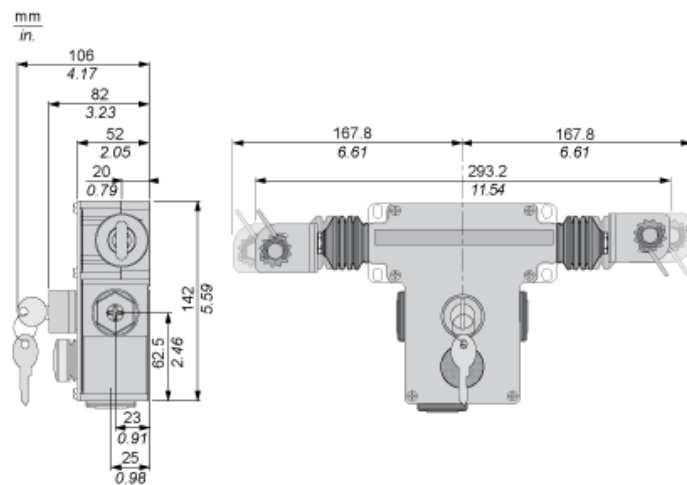
|                            |   |
|----------------------------|---|
| Sustainable offer status   | Green Premium product   |
| California proposition 65  | WARNING: This product can expose you to chemicals including: Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, 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> |
| REACH Regulation           |  <a href="#">REACH Declaration</a>   |
| 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 |  Yes   |
| Environmental Disclosure   |  <a href="#">Product Environmental Profile</a>   |

Dimensions

Without Tensioner



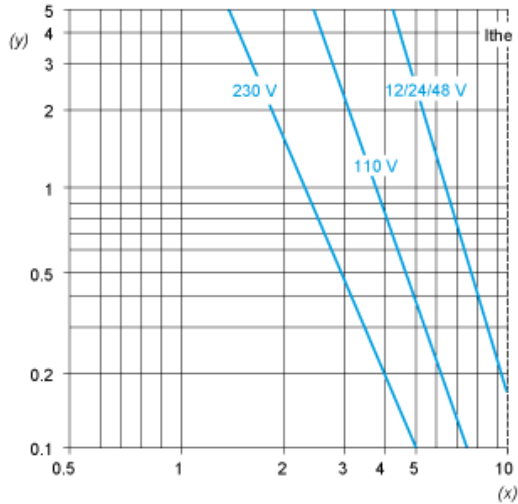
With Tensioners



Electrical Curves

AC Supply 50/60 Hz.  $\sim$  Inductive Circuit

2-pole Contact Block



(y) Millions of operating cycles  
(x) Current in A

DC Supply. Power Broken in W for 1 Million Operating Cycles.  $\sim$  Inductive Circuit

|         |   |    |    |     |
|---------|---|----|----|-----|
| Voltage | V | 24 | 48 | 120 |
| $\sim$  | W | 13 | 9  | 7   |