Product data sheet
Characteristics

XY2CEDA290
Dual emergency stop rope pull switch, Telemecanique Emergency stop rope pull switches XY2C, e 2x(1NC+1NO), Pg13.5, boot. 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 conforming to EN/IEC 61140

Complementary

Local signalling	Without pilot light
Number of cables	2
Trigger cable maximum length	2 x 100 m
Bellow material	Nitril
Body material	Zamak
Cover material	Stainless steel
Reset	By booted push-button
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 mm²
Tightening torque	0.8…1.2 N.m
Cable entry number	3 plain hole for Pg 13.5 or ISO M20 cable gland
Safety level	Can reach PL = e with the appropriate monitoring system and correctly wired conforming to EN/ISO 13849-1 Can reach category 4 with the appropriate monitoring system and correctly wired conforming to EN/ISO 13849-1 Can reach SIL 3 with the appropriate monitoring system and correctly wired conforming to EN/IEC 61508
Safety reliability data	B10d = 300000 conforming to IEC 60947-5-5 value given for a life time of 20 years limited by mechanical or contact wear
Marking	CE
Mechanical durability	60000 cycles
Distance between cable supports	3…5 m
[Ie] rated operational current	3 A at 240 V, AC-15, A300 conforming to EN/IEC 60947-5-1 appendix A 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 (pollution degree 3) conforming to EN/IEC 60947-1 300 V conforming to UL 508 300 V conforming to CSA C22.2 No 14
[Uimp] rated impulse withstand voltage	EN/IEC 60947-1 6 kV
Positive opening	With conforming to EN/IEC 60947-5-1
Maximum resistance across terminals	25 MOhm conforming to EN/IEC 60255-7 category 3
Short-circuit protection	10 A cartridge fuse type gG conforming to EN/IEC 60269

Terminals description ISO n°1	(13-14)NO (21-22)NC
Net weight	1.9 kg
Compatibility code	XY2CED

Environment

Standards	EN/ISO 13850 EN/IEC 60947-5-1 Work equipment directive 2009/104/EC UL 508 Machinery directive 2006/42/EC EN/IEC 60947-5-5 CSA C22.2 No 14 EN/IEC 60204-1
Product certifications	UL category NISD emergency stop devices CSA CCC EAC
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 11 ms conforming to EN/IEC 60068-2-27
IP degree of protection	IP66 conforming to IEC 60529

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	1.97 kg
Package 1 Height	10.6 cm
Package 1 width	30.8 cm
Package 1 Length	16 cm
Unit Type of Package 2	S03
Number of Units in Package 2	4
Package 2 Weight	8.267 kg
Package 2 Height	30 cm
Package 2 width	30 cm
Package 2 Length	40 cm
Unit Type of Package 3	P06
Number of Units in Package 3	32
Package 3 Weight	83.036 kg
Package 3 Height	77 cm
Package 3 width	80 cm
Package 3 Length	60 cm

Offer Sustainability

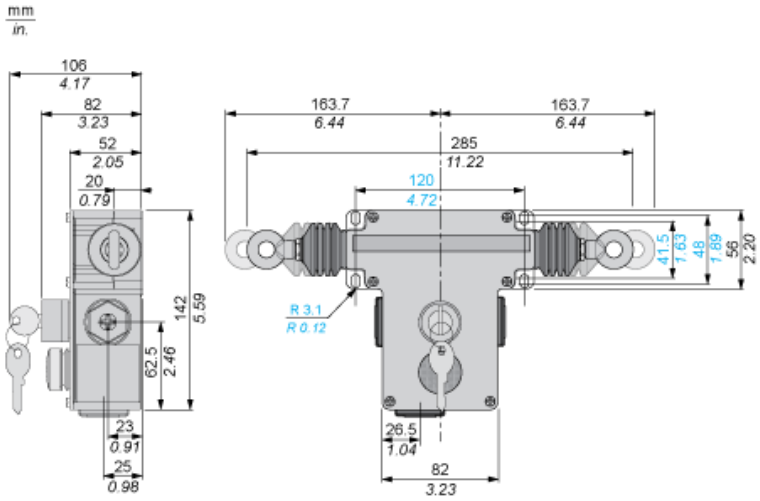
Sustainable offer status	Green Premium product
REACh Regulation	REACh Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile

Product data sheet
Dimensions Drawings

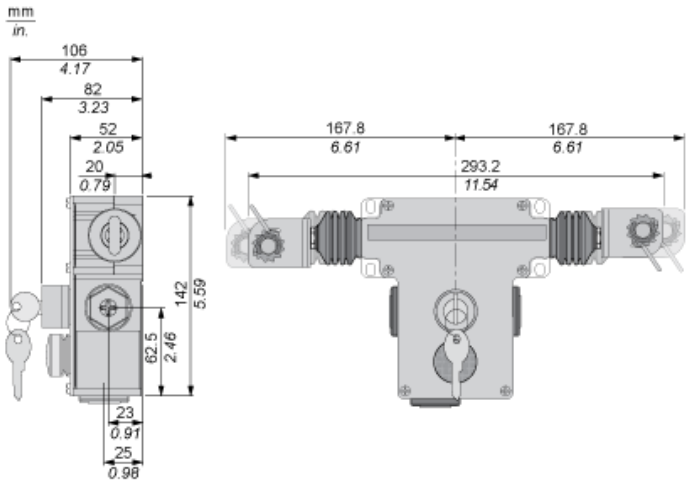
XY2CEDA290

Dimensions

Without Tensioner



With Tensioners

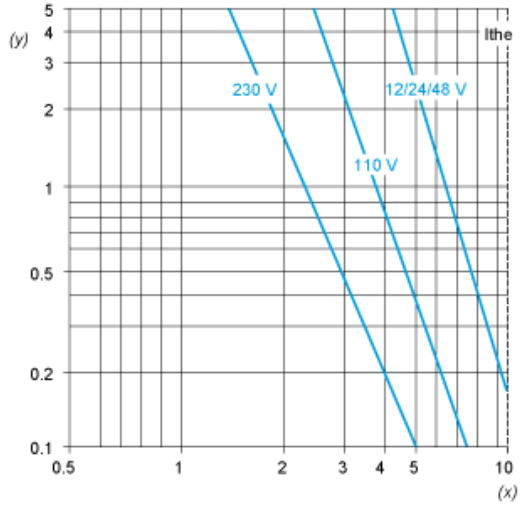


XY2CEDA290

Electrical Curves

AC Supply 50/60 Hz. ⎓ Inductive Circuit

2-pole Contact Block



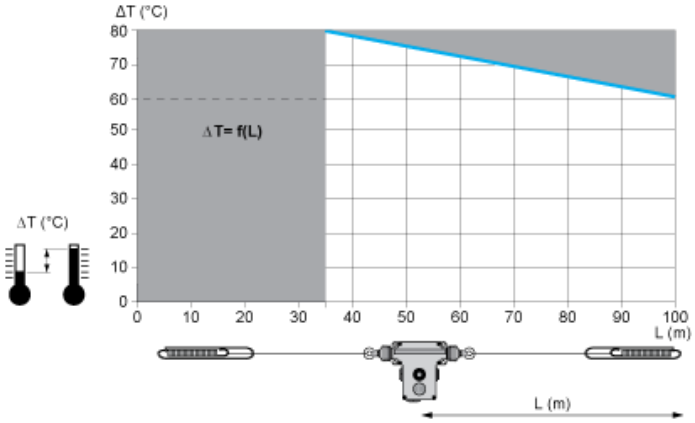
(y) Millions of operating cycles
(x) Current in A

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

Voltage	V	24	48	120
⎓	W	13	9	7

Mounting and Clearance

Adjustment Values (With End Spring)



In grey : Prohibited zone