

XY2CEDB290

Dual e-stop rope pull switch - 2x(1NC+1NO) - Pg13.5 - boot. pb - low force



Main

Range of product	Preventa XY2
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 50 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 mm ²
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	(21-22)NC (13-14)NO
Net weight	1.9 kg
Compatibility code	XY2CED

Environment

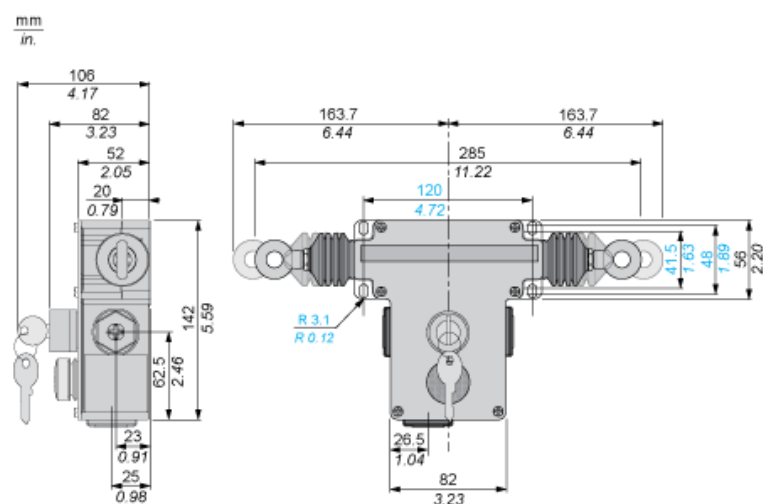
Standards	EN/ISO 13850 EN/IEC 60947-5-5 UL 508 CSA C22.2 No 14 EN/IEC 60947-5-1 EN/IEC 60204-1 Machinery directive 2006/42/EC Work equipment directive 2009/104/EC
Product certifications	UL category NISD emergency stop devices CSA CCC EAC
Protective treatment	TC
Ambient air temperature for operation	-25...70 °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

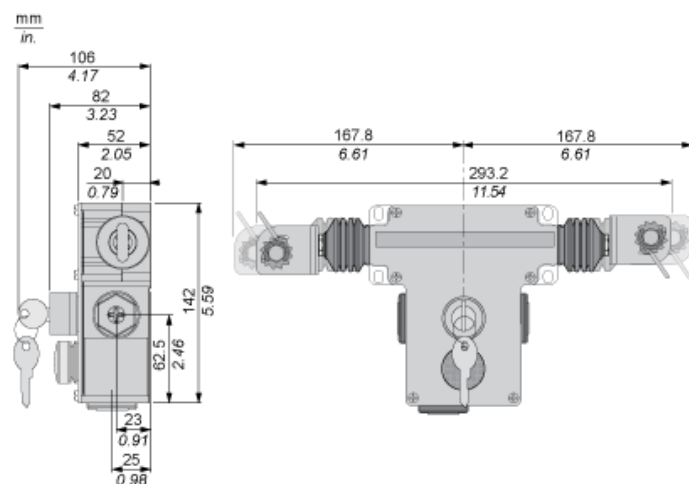
Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	1.941 kg
Package 1 Height	11 cm
Package 1 width	16 cm
Package 1 Length	30.7 cm

Dimensions

Without Tensioner



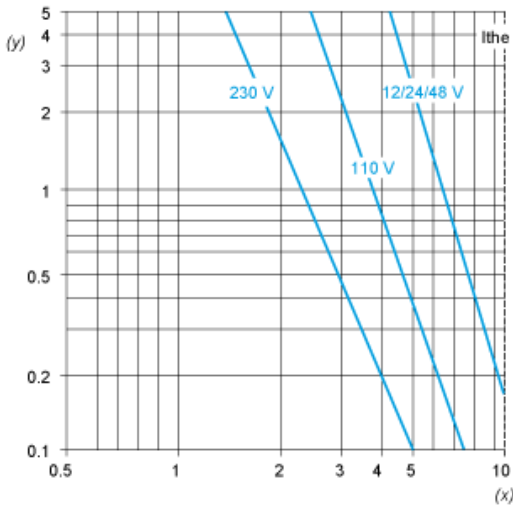
With Tensioners



Electrical Curves

AC Supply 50/60 Hz. Inductive Circuit

2-pole Contact Block



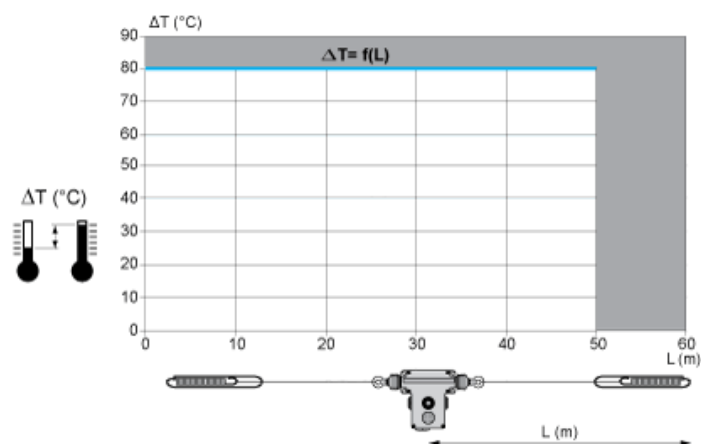
(y) Millions of operating cycles
(x) Current in A

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 Prohibited zone
grey :