



Product availability: Non-Stock - Not normally stocked in distribution facility



Main

Commercial Status	Commercialised
Range of product	Preventa XY2
Product or component type	Latching emergency stop rope pull switch
Device short name	XY2CH
Local signalling	With pilot light
Number of cables	1
Trigger cable maximum length	98.43 ft (30 m)
Housing colour	Red RAL 3000
Reset	By mushroom head pushbutton
[Us] rated supply voltage	24 V
Contacts type and composition	1 NC + 1 NO
Trigger cable anchor point	RH or LH side
Light block supply	Direct
Connections - terminals	Screw clamp terminal 1 x 0.5...2 x 1.5 mm ²

Complementary

Contacts operation	Slow-break
Tightening torque	7.08...10.62 lbf.in (0.8...1.2 N.m)
Cable entry number	3 tapped entry for Pg 13.5 cable gland
Mechanical durability	800000 cycles
Distance between cable supports	16.4 ft (5 m)
[Ie] rated operational current	0.27 A at 250 V DC-13, Q300 conforming to EN/IEC 60947-5-1 appendix A 3 A at 240 V AC-15, A300 conforming to EN/IEC 60947-5-1 appendix A
[Ithe] conventional enclosed thermal current	10 A
[Ui] rated insulation voltage	300 V conforming to CSA C22.2 No 14 400 V, degree of pollution: 3 conforming to EN/IEC 60947-1 300 V conforming to UL 508
[Uimp] rated impulse withstand voltage	6 kV
Positive opening	With conforming to EN/IEC 60947-5-1
Resistance across terminals	<= 25 MOhm conforming to NF C 93-050 method A <= 25 MOhm conforming to EN/IEC 60255-7 category 3
Short circuit protection	10 A cartridge fuse, gG conforming to EN/IEC 60269
Rated power in W	30 W DC-13 at 120 V (3600 cyc/h for 1000000 cycles), load factor = 0.5 (inductive load) conforming to EN/IEC 60947-5-1 23 W DC-13 at 48 V (3600 cyc/h for 1000000 cycles), load factor = 0.5 (inductive load) conforming to EN/IEC 60947-5-1 15 W DC-13 at 24 V (3600 cyc/h for 1000000 cycles), load factor = 0.5 (inductive load) conforming to EN/IEC 60947-5-1
Height	2.68 in (68 mm)
Width	7.91 in (201 mm)
Depth	3.74 in (95 mm)
Terminals description ISO n°1	(13-14)NO (21-22)NC
Product weight	1.98 lb(US) (0.9 kg)

Environment

Standards	EN/IEC 60947-5-1 EN/IEC 60947-5-5 EN/ISO 13850 UL 508 Machinery directive 2006/42/EC Work equipment directive 2009/104/EC
Safety level	Can reach SIL 3 conforming to EN/IEC 61508 Can reach category 4 conforming to EN/ISO 13849-1 (with the appropriate monitoring system and correctly wired) Can reach PL = e conforming to EN/ISO 13849-1 (with the appropriate monitoring system and correctly wired)
Safety reliability data	B10d = 4000000 (value given for a life time of 20 years limited by mechanical or contact wear)
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 (f = 10...150 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	IP65

Ordering and shipping details

Category	22441 - LIMIT SWITCHES,CABLE PULL
Discount Schedule	T
GTIN	00785901275183
Nbr. of units in pkg.	1
Package weight(Lbs)	2.17
Product availability	Non-Stock - Not normally stocked in distribution facility
Returnability	N
Country of origin	MA

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS	Compliant - since 1004 - Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available Download Product Environmental
Product end of life instructions	Need no specific recycling operations

Contractual warranty

Period	18 months
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Mouser Electronics

Authorized Distributor

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