

Product Datasheet

Characteristic

XY2CH14250H7

CABLE PULL SWITCH - 240 VAC - 10 A - XY2C



Main

range of product	Preventa XY2
product or component type	Latching emergency stop rope pull switch
device short name	XY2CH
housing colour	Red RAL 3000
overvoltage category	Class I conforming to EN/IEC 61140 Class I conforming to NF C 20-030

Complementary

local signalling	Without pilot light
number of cables	1
trigger cable maximum length	98.43 ft (30 m)
body material	Zamak
cover material	Stainless steel
reset	By booted push-button
contacts type and composition	2 NC + 1 NO
contact operation	Slow-break
trigger cable anchor point	RH or LH side
connections - terminals	Screw clamp terminal 1 x 0.34...1 x 1 mm ² Screw clamp terminal 1 x 0.34...2 x 0.75 mm ²
tightening torque	7.08...10.62 lbf.in (0.8...1.2 N.m)
cable entry number	3 tapped entry 1/2" NPT cable gland
safety level	Can reach category 4 with the appropriate monitoring system and correctly wired conforming to EN/ISO 13849-1 Can reach PL = e 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 = 4000000 with value given for a life time of 20 years limited by mechanical or contact wear conforming to IEC 60947-5-5
marking	CE
mechanical durability	800000 cycles
distance between cable supports	16.4 ft (5 m)
[Ie] rated operational current	0.1 A at 250 V DC-13, R300 conforming to EN/IEC 60947-5-1 appendix A 1.5 A at 240 V AC-15, B300 conforming to EN/IEC 60947-5-1 appendix A

[I _{th}] conventional enclosed thermal current	6 A
[U _i] rated insulation voltage	300 V (degree of pollution: conforming to UL 508 300 V (degree of pollution: conforming to CSA C22.2 No 14 400 V (degree of pollution: 3) conforming to EN/IEC 60947-1
[U _{imp}] rated impulse withstand voltage	4 kV conforming to EN/IEC 60947-1
positive opening	With conforming to EN/IEC 60947-5-1
resistance across terminals	<= 25 MΩm conforming to NF C 93-050 method A <= 25 MΩm conforming to EN/IEC 60255-7 category 3
short-circuit protection	6 A by gG cartridge fuse conforming to EN/IEC 60269
terminals description ISO n°1	(13-14)NO (21-22)NC (31-32)NC
product weight	2.01 lb(US) (0.91 kg)

Environment

standards	EN/IEC 60204-1 EN/IEC 60947-5-1 EN/IEC 60947-5-5 EN/ISO 13850 Machinery directive 2006/42/EC Work equipment directive 2009/104/EC
product certifications	UL category NISD emergency stop devices CCC
protective treatment	TC
ambient air temperature for operation	-40...158 °F (-40...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 conforming to IEC 60529