

Product Datasheet

Characteristic

XY2CH13270H7

e-stop rope pull switch XY2CH - 2NC -
booted pushbutton



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
contact operation	slow-break
trigger cable anchor point	RH or LH side
connections - terminals	screw clamp terminal 1 x 0.5...2 x 1.5 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 conduit entry
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 = 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	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
[I _{th}] conventional enclosed thermal current	10 A
[U _i] rated insulation voltage	500 V (degree of pollution: 3) conforming to EN/IEC 60947-1 300 V (degree of pollution: conforming to UL 508 300 V (degree of pollution: conforming to CSA C22.2 No 14
[U _{imp}] rated impulse withstand voltage	6 kV conforming to EN/IEC 60947-1
positive opening	with conforming to EN/IEC 60947-5-1
resistance across terminals	<= 25 MOhm conforming to EN/IEC 60255-7 category 3 <= 25 MOhm conforming to NF C 93-050 method A
short-circuit protection	10 A by gG cartridge fuse conforming to EN/IEC 60269
terminals description ISO n°1	(21-22)NC (11-22)NC
product weight	1.91 lb(US) (0.865 kg)

Environment

standards	EN/IEC 60204-1 EN/IEC 60947-5-1 EN/IEC 60947-5-5 EN/ISO 13850 UL 508 machinery directive 2006/42/EC CSA C22.2 No 14 work equipment directive 2009/104/EC
product certifications	UL category NISD emergency stop devices CSA CCC
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 conforming to IEC 60529

Offer Sustainability

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