XY2CJS19H29

Latching emergency stop rope pull switch, Telemecanique rope pull switches XY2C, e XY2CJ, straight, 2NC+1 NO, ISO M20



Main	
Range of product	Telemecanique Emergency stop rope pull switches XY2C
Product or component type	Latching emergency stop rope pull switch
Device short name	XY2C
Housing colour	Red RAL 3000
Overvoltage category	Class I conforming to EN/IEC 61140

Local signalling Color indicator Number of cables 1 Trigger cable maximum length 20 m Body material PA (polyamide) Cover material PA (polyamide) Cover material PA (polyamide) Cover material Reset By pull 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 0.341 x 1 mm² Screw clamp terminal, 1 x 0.342 x 0.75 mm² Tightening torque 0.81.2 N.m Cable entry number 1 tapped entry for 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 safegory 4 with the appropriate monitoring system and correctly wired conforming to EN/ISO 13849-1 Can reach safety level Can reach PL = e with the appropriate monitoring system and correctly wired conforming to EN/ISO 13849-1 Can reach Sl. 3 with the appropriate monitoring system and correctly wired conforming to EN/ISO 13849-1 Can reach sl. 3 with the appropriate monitoring system and correctly wired conforming to EN/ISO 13849-1 Can reach Sl. 3 with the appropriate monitoring system and correctly wired conforming to EN/ISO 13849-1 Can reach Sl. 3 with the appropriate monitoring system and correctly wired conforming to EN/ISO 13849-1 Can reach Sl. 3 with the appropriate monitoring system and correctly wired conforming to EN/ISO 13849-1 Can reach Sl. 3 with the appropriate monitoring system and correctly wired conforming to EN/ISO 13849-1 Can reach Sl. 3 with the appropriate monitoring system and correctly wired conforming to EN/ISO 60947-5-5 value given for a life time of 20 years limited by mechanical or contact wear Marking CE Mechanical durability 100000 cycles Distance between cable supports 5 m [Ie] rated operational current 6 A (Uil) rated insulation voltage 3 to No on on on on on one on one on one on one on one one	Complementary		
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Cover material Galvanised steel Reset By pull 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 0.341 x 1 mm² Screw clamp terminal, 1 x 0.342 x 0.75 mm² Tightening torque 0.81.2 N.m Cable entry number 1 tapped entry for 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 Sl. 3 with the appropriate monitoring system and correctly wired conforming to EN/ISO 13849-1 Can reach Sl. 3 with the appropriate monitoring system and correctly wired conforming to EN/ISO 13849-1 Can reach Sl. 3 with the appropriate monitoring system and correctly wired conforming to EN/ISO 13849-1 Can reach Sl. 3 with the appropriate monitoring system and correctly wired conforming to EN/ISO 13849-1 Can reach Sl. 3 with the appropriate monitoring system and correctly wired conforming to EN/ISO 13849-1 Can reach Sl. 3 with the appropriate monitoring system and correctly wired conforming to EN/IEC 61508 Safety reliability data B10d = \$00000 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 100000 cycles Distance between cable supports f[e] 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 1.5 A at 240 V, AC-15, B300 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 1.5 A at 240 V, Conforming to EN/IEC 60947-1 300 V conforming to EN/IEC 60947-1 300 V conforming to EN/IEC 60947-1 With conforming to EN/IEC 60947-5 With conforming to EN/IEC 60947-5 Maximum resistance across terminals 25 MOhm conforming to EN/IEC 60947-5	Body material	Zamak	
Reset By pull 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 0.341 x 1 mm² Screw clamp terminal, 1 x 0.342 x 0.75 mm² Tightening torque 0.81.2 N.m Cable entry number 1 tapped entry for 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 PL = e with the appropriate monitoring system and correctly wired conforming to EN/ISO 13849-1 Can reach Sl. 3 with the appropriate monitoring system and correctly wired conforming to EN/ISO 61508 Safety reliability data B10d = 500000 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 100000 cycles Distance between cable supports 5 m [le] 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 1.5 A at 240 V, AC-15, B300 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 1.5 A at 240 V, AC-15, B300 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 1.5 A at 240 V, AC-15 B300 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 1.5 A at 240 V, AC-15 B300 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 1.5 A at 240 V, AC-15 B300 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 1.5 A at 240 V, AC-15 B300 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 1.5 A at 240 V, AC-15 B300 conforming to EN/IEC 60947-5-1 AV 2500 Conforming to EN/IEC 60947-5-1 AV 2500 Conforming to EN/IEC 60947-5-1 AV 2500	Head material	PA (polyamide)	
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 0.341 x 1 mm² screw clamp terminal, 1 x 0.342 x 0.75 mm² Tightening torque 0.81.2 N.m Cable entry number 1 tapped entry for 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 SlL 3 with the appropriate monitoring system and correctly wired conforming to EN/ISO 13849-1 Can reach SlL 3 with the appropriate monitoring system and correctly wired conforming to EN/ISO 61508 Safety reliability data B10d = 500000 conforming to IEO 60947-5-5 value given for a life time of 20 years limited by mechanical or contact wear Marking CE Mechanical durability 100000 cycles Distance between cable supports 5 m [le] 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 1.5 A at 240 V, AC-15, B300 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 1.5 A at 240 V, AC-15, B300 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 1.5 A at 240 V, AC-15, B300 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 1.5 A at 240 V, AC-15, B300 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 1.5 A at 240 V, AC-15, B300 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 1.5 A at 240 V, AC-15, B300 conforming to EN/IEC 60947-5-1 [Uimp] rated impulse withstand voltage 4 kV conforming to EN/IEC 60947-5-1 Maximum resistance across terminals 25 MOhm conforming to EN/IEC 60255-7 category 3 25 MOhm conforming to NF C 93-050 method A	Cover material	Galvanised steel	
Contact operation Slow-break RH or LH side Connections - terminals Screw clamp terminal, 1 x 0.341 x 1 mm² Screw clamp terminal, 1 x 0.342 x 0.75 mm² Tightening torque 0.81.2 N.m Cable entry number 1 tapped entry for 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 Sl. 3 with the appropriate monitoring system and correctly wired conforming to EN/ISO 13849-1 Can reach Sl. 3 with the appropriate monitoring system and correctly wired conforming to EN/ISO 13849-1 Can reach Sl. 3 with the appropriate monitoring system and correctly wired conforming to EN/IEC 61508 Safety reliability data Blod = 500000 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 100000 cycles Distance between cable supports 5 m [le] 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 1.5 A at 240 V, AC-15, B300 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 1.5 A at 240 V, AC-15, B300 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 1.5 A at 240 V, AC-15, B300 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 1.5 A at 240 V, AC-15, B300 conforming to EN/IEC 60947-5-1 appendix A 1.5 A 240 V, AC-15, B300 conforming to EN/IEC 60947-5-1 appendix A 1.5 A 240 V, AC-15, B300 conforming to EN/IEC 60947-5-1 appendix A 1.5 A 240 V, AC-15, B300 conforming to EN/IEC 60947-5-1 appendix A 1.5 A 240 V, AC-15, B300 conforming to EN/IEC 60947-5-1 appendix A 1.5 A 240 V, AC-15, B300 conforming to EN/IEC 60947-5-1 appendix A 1.5 A 240 V, AC-15, B300 Conforming to EN/IEC 60947-5-1 appendix A 1.5 A 25 MOhm conforming to EN/IEC 60947-5-1 appendix A 25 MOh	Reset	By pull button	
Trigger cable anchor point RH or LH side Connections - terminals Screw clamp terminal, 1 x 0.341 x 1 mm² Screw clamp terminal, 1 x 0.342 x 0.75 mm² Tightening torque 0.81.2 N.m Cable entry number 1 tapped entry for ISO M20 cable gland 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/ISO 13849-1 Can reach SIL 3 with the appropriate monitoring system and correctly wired conforming to EN/IEC 61508 Safety reliability data B10d = 500000 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 100000 cycles Distance between cable supports 5 m [le] 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 1.5 A at 240 V, AC-15, B300 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 1.5 A at 240 V, AC-15, B300 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 1.5 A at 240 V, AC-15, B300 conforming to EN/IEC 60947-5-1 appendix A 1.5 A at 240 V, Conforming to EN/IEC 60947-5-1 appendix A 1.5 A 240 V, Conforming to EN/IEC 60947-5-1 appendix A 1.5 A 240 V, Conforming to EN/IEC 60947-5-1 appendix A 1.5 A 240 V, Conforming to EN/IEC 60947-5-1 appendix A 1.5 A 25 EN/IEC 60947-5-1 appendix A 1.5 EN/IEC 60947-5-1 ap	Contacts type and composition	2 NC + 1 NO	
Connections - terminals Screw clamp terminal, 1 x 0.341 x 1 mm² Screw clamp terminal, 1 x 0.342 x 0.75 mm² Tightening torque 0.81.2 N.m Cable entry number 1 tapped entry for 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/ISO 13849-1 Can reach SIL 3 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/ISO 13849-1 Can reach SIL 3 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/ISO 13849-1 Can reach SIL 3 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/ISO 13849-1 Can reach SIL 3 with the appropriate monitoring system and correctly wired conforming to EN/ISO 60947-5-5 value given for a life time of 20 years limited by mechanical or contact wear Marking CE Mechanical durability 100000 cycles Distance between cable supports 5 m (Ie) rated operational current 10.1 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 1.5 A at 240 V, AC-15, B300 conforming to EN/IEC 60947-5-1 appendix A 1.5 A at 240 V, Conforming to UL 508 300 V conforming to CSA C22.2 No 14 [Uimp] rated impulse withstand voltage 4 kV conforming to EN/IEC 60947-5-1 With conforming to EN/IEC 60947-5-1 Maximum resistance across terminals 25 MOhm conforming to NF C 93-050 method A	Contact operation	Slow-break	
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Cable entry number 1 tapped entry for ISO M20 cable gland 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/ISC 61508 Safety reliability data B10d = 500000 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 100000 cycles Distance between cable supports 5 m CI 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 1.5 A at 240 V, AC-15, B300 conforming to EN/IEC 60947-5-1 appendix A (Ithe] conventional enclosed thermal current 6 A [Ui] rated insulation voltage 400 V (pollution degree 3) conforming to EN/IEC 60947-1 300 V conforming to UL 508 300 V conforming to UL 508 300 V conforming to CSA C22.2 No 14 [Uimp] rated impulse withstand voltage 4 kV conforming to EN/IEC 60947-5-1 Maximum resistance across terminals 25 MOhm conforming to EN/IEC 60955-7 category 3 25 MOhm conforming to NF C 93-050 method A	Connections - terminals		
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Marking CE Mechanical durability Distance between cable supports 5 m [le] rated operational current O.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 1.5 A at 240 V, AC-15, B300 conforming to EN/IEC 60947-5-1 appendix A 6 A [Ui] rated insulation voltage 400 V (pollution degree 3) conforming to EN/IEC 60947-1 300 V conforming to UL 508 300 V conforming to UL 508 300 V conforming to CSA C22.2 No 14 [Uimp] rated impulse withstand voltage 4 kV conforming to EN/IEC 60947-1 With conforming to EN/IEC 60947-5-1 Maximum resistance across terminals 25 MOhm conforming to EN/IEC 60255-7 category 3 25 MOhm conforming to NF C 93-050 method A	Safety level	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	
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Positive opening With conforming to EN/IEC 60947-5-1 Maximum resistance across terminals 25 MOhm conforming to EN/IEC 60255-7 category 3 25 MOhm conforming to NF C 93-050 method A	[Ui] rated insulation voltage	300 V conforming to UL 508	
Maximum resistance across terminals 25 MOhm conforming to EN/IEC 60255-7 category 3 25 MOhm conforming to NF C 93-050 method A	[Uimp] rated impulse withstand voltage	4 kV conforming to EN/IEC 60947-1	
25 MOhm conforming to NF C 93-050 method A	Positive opening	With conforming to EN/IEC 60947-5-1	
Short-circuit protection 6 A cartridge fuse type gG conforming to EN/IEC 60269	Maximum resistance across terminals		
	Short-circuit protection	6 A cartridge fuse type gG conforming to EN/IEC 60269	

Terminals description ISO n°1	(31-32)NC (13-14)NO (21-22)NC	
Net weight	0.455 kg	
Compatibility code	XY2CJ	

Environment

Standards	Work equipment directive 2009/104/EC	
	UL 508	
	EN/ISO 13850	
	CSA C22.2 No 14	
	EN/IEC 60947-5-1	
	EN/IEC 60204-1	
	EN/IEC 60947-5-5	
	Machinery directive 2006/42/EC	
Product certifications	UL category NISD emergency stop	
	devices[RETURN]CSA[RETURN]CCC[RETURN]EAC	
Protective treatment	TC	
Ambient air temperature for operation	-2570 °C	
Ambient air temperature for storage	-4070 °C	
Vibration resistance	10 gn (f= 10150 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	
	IP67 conforming to IEC 60529	

Packing Units

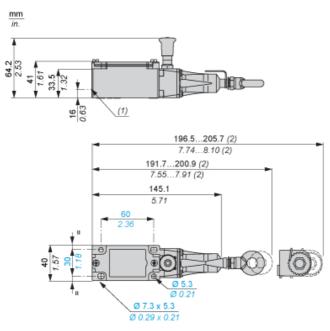
r doming of mo	
Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	5.6 cm
Package 1 Width	7.3 cm
Package 1 Length	24.6 cm
Package 1 Weight	537.0 g
Unit Type of Package 2	S02
Number of Units in Package 2	10
Package 2 Height	15.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	5.652 kg
Unit Type of Package 3	P06
Number of Units in Package 3	160
Package 3 Height	75.0 cm
Package 3 Width	60.0 cm
Package 3 Length	80.0 cm
Package 3 Weight	81.76 kg

Offer Sustainability

Sustainable offer status	Green Premium product		
Circularity Profile	No need of specific recycling operations WARNING: This product can expose you to chemicals including: Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov		
California proposition 65			
For all Reach Rohs enquiries contact us at	sustainability@tesensors.com		



Dimensions



- (1) Tapped entry for ISO M20
- (2) Maximum extension.

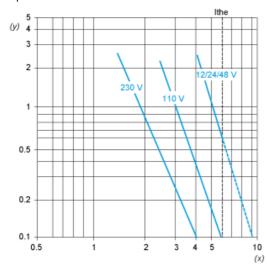
Product data sheet Performance Curves

XY2CJS19H29

Electrical Curves

AC Supply 50/60 Hz Inductive Circuit

3-pole Contact Block



- Y Millions of operating cycles
- X Current in A

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

Voltage	V	24	48	120
m	W	4	3	2