Product data sheet
Characteristics

XY2AU1
enabling switch - 2 NO + 1 NC - double insulated

Main

Commercial Status	Commercialised
Range of product	Preventa XY2
Product or component type	Enabling switch
Component name	XY2AU
Enclosure type	Double insulated

Complementary

Contacts type and composition	2 NO + 1 NC
Operator position information	3 positions
Enclosure material	PA66
Connections - terminals	Terminal block: 1 x 0.34...1 x 1.5 mm²
Mechanical durability	1000000 cycles
Cable entry	1 entry, 7...13 mm
Contact code designation	DC-13, R300 or 250 V, 0.1 A conforming to IEC 60947-5-1 appendix A DC-13, R300 or 125 V, 0.22 A conforming to IEC 60947-5-1 appendix A AC-15, C300 or 250 V, 1.5 A conforming to IEC 60947-5-1 appendix A AC-15, C300 or 125 V, 0.75 A conforming to IEC 60947-5-1 appendix A
[Ithe] conventional enclosed thermal current	5 A
[Ui] rated insulation voltage	250 V, degree of pollution: 3 outside conforming to IEC 60947-1 250 V, degree of pollution: 2 inside conforming to IEC 60947-1
[Uimp] rated impulse withstand voltage	2.5 kV conforming to EN 60947-1
Positive opening	With conforming to IEC 60947-5-1 appendix K
Contacts operation	Slow-break
Resistance across terminals	<= 50 mOhm
Operating force	12 N 50 N
Short circuit protection	4 A fuse protection by cartridge fuse type gG
Product weight	0.31 kg

Environment
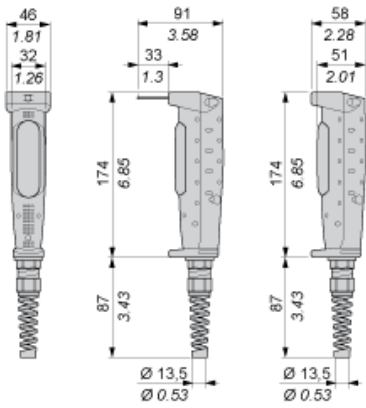
Standards	CSA C22-2 No 14 CULus 508 EN/IEC 60947-1 EN/IEC 60947-5-1
Protective treatment	TC
Ambient air temperature for operation	-10...60 °C
Ambient air temperature for storage	-40...70 °C
Vibration resistance	6 gn (f = 5...55 Hz) conforming to IEC 60068-2-6
Shock resistance	10 gn for 11 ms conforming to IEC 60068-2-27
Class of protection against electric shock	Class II conforming to EN/IEC 61140
IP degree of protection	IP66 conforming to IEC 60529
IK degree of protection	IK06 conforming to EN 50102

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Contractual warranty

Period	18 months

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XY2AU1

Dimensions

$\dfrac{mm}{in.}$

46 / 1.81
32 / 1.26

91 / 3.58
33 / 1.3
174 / 6.85
87 / 3.43
Ø 13,5 / Ø 0.53
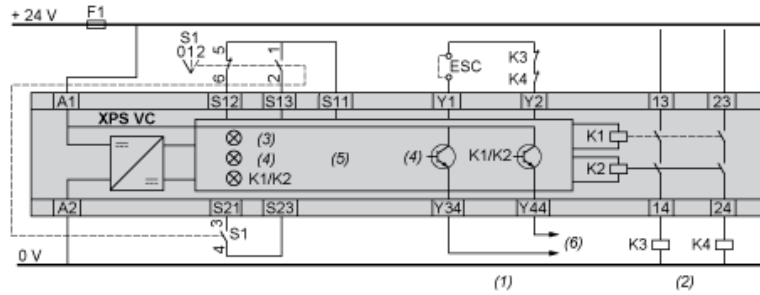
58 / 2.28
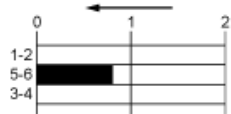51 / 2.01
174 / 6.85
87 / 3.43
Ø 13,5 / Ø 0.53

Wiring Diagram Example

With XPSVC Safety Module

ESC external start conditions
(1)   2 solid state outputs
(2)   2 safety outputs
(3)   supply A1/A2
(4)   fault
(5)   logic
(6)   to PLC

contact closed

contact open

N/C contact with positive opening operation

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