Product data sheet

Specifications

Safety switch, Telemecanique Safety switches XCS, metal XCSC, 2 NC + 1 NO, slow break, 1 entry tapped 1/2" NPT

XCSC703

Main

Range Of Product	Telemecanique Safety switches XCS
Product Or Component Type	Safety switch
Component Name	XCSC
Design	Industrial
Material	Metal
Head Type	Key operated turret head
Contacts Type And Composition	2 NC + 1 NO
Contact Operation	Slow-break, break before make
Cable Entry	1 entry tapped for 1/2" NPT
Electrical Connection	Terminal, clamping capacity: 1 x 0.5...2 x 1.5 mm² with or without cable end
Number Of Poles	3
Locking Options Description	With locking of actuator, unlocking by key operated lock
Local Signalling	Without

Complementary

Positive Opening	With NC contact
Mechanical Durability	600000 cycles
Minimum Actuation Speed	0.01 m/s
Maximum Actuation Speed	0.5 m/s
[Ie] Rated Operational Current	6 A at 120 V, AC-15, A300 conforming to EN/IEC 60947-5-1 3 A at 240 V, AC-15, A300 conforming to EN/IEC 60947-5-1 0.55 A at 125 V, DC-13, Q300 conforming to EN/IEC 60947-5-1 0.27 A at 250 V, DC-13, Q300 conforming to EN/IEC 60947-5-1
[Ithe] Conventional Enclosed Thermal Current	10 A
[Ui] Rated Insulation Voltage	300 V conforming to UL 508 500 V conforming to EN/IEC 60947-1 300 V conforming to CSA C22.2 No 14
[Uimp] Rated Impulse Withstand Voltage	6 kV conforming to EN/IEC 60947-5-1
Short-Circuit Protection	10 A cartridge fuse type gG (gl)
Actuator Forcible Withdrawal Rtc	1500 N
Minimum Actuator Force For Extraction	20 N
Maximum Operating Rate	10 cyc/mn for maximum durability

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 = 5000000 value given for a life time of 20 years limited by mechanical or contact wear
Body Material	Zamak
Head Material	Zamak
Depth	44 mm
Height	114 mm
Width	52 mm
Net Weight	0.48 kg

Environment

Standards	UL 508
	CSA C22.2 No 14
	EN/ISO 12100
	EN/IEC 60947-5-1
	EN/IEC 60204-1
	EN 1088/ISO 14119
Product Certifications	UL
	CSA
Protective Treatment	TC
Ambient Air Temperature For Operation	-25…70 °C
Ambient Air Temperature For Storage	-40…70 °C
Vibration Resistance	5 gn (f= 10…500 Hz) conforming to IEC 60068-2-6
Shock Resistance	10 gn for 11 ms conforming to IEC 60068-2-27
Electrical Shock Protection Class	Class I conforming to EN/IEC 61140
Ip Degree Of Protection	IP67 conforming to EN/IEC 60529 and EN/IEC 60947-5-1

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	5.08 cm
Package 1 Width	6.858 cm
Package 1 Length	12.192 cm
Package 1 Weight	498.957 g

Contractual warranty

Warranty	18 months

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >

RoHS/REACh

Well-being performance

✓ Rohs Exemption Information   Yes

Certifications & Standards

Reach Regulation   REACh Declaration

Eu Rohs Directive   Pro-active compliance (Product out of EU RoHS legal scope)

Circularity Profile   No need of specific recycling operations

California Proposition 65   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