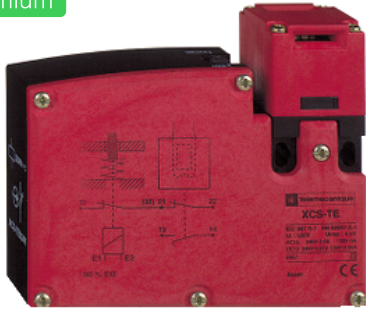


# Product datasheet

Specifications



## plastic safety switch XCS-TE - 2 NC - slow break - 1 entry tapped M16 - 24 V

Local distributor code: 386308196 XCS-TE7312

### Main

Range of product	Telemecanique Safety switches XCS
Product or component type	Safety switch
Component name	XCS-TE
Design	Rectangular
Material	Plastic
Head type	Key operated turret head
Contacts type and composition	2 NC
Contact operation	Slow-break, simultaneous
Solenoid contacts type and composition	1 NC (slow-break)
Cable entry	1 entry tapped for M16 x 1.5
Electromagnet interlocking	Locking on de-energisation and unlocking on energisation of solenoid
[Us] Solenoid Rated Supply voltage	24 V - 20...10 %
Cable outer diameter	7...10 mm
Electrical connection	Terminal, clamping capacity: 1 x 0.5...2 x 1.5 mm <sup>2</sup> with or without cable end
Number of poles	2
Locking options description	With interlocking, locking by solenoid

### Complementary

Insulation	Double insulated
Positive opening	With NC contact
Supply voltage type	AC/DC
Supply frequency	50/60 Hz
Load factor	1
Power consumption in VA	10 VA
Mechanical durability	1000000 cycles
Positive opening minimum force	15 N
Minimum actuation speed	0.01 m/s
Maximum actuation speed	0.5 m/s

<b>[Ie] rated operational current</b>	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 3 A at 120 V, AC-15, B300 conforming to EN/IEC 60947-5-1 1.5 A at 240 V, AC-15, B300 conforming to EN/IEC 60947-5-1
<b>[Ithe] conventional enclosed thermal current</b>	6 A
<b>[Ui] rated insulation voltage</b>	300 V conforming to UL 508 500 V conforming to EN/IEC 60947-1 300 V conforming to CSA C22.2 No 14
<b>[Uimp] rated impulse withstand voltage</b>	6 kV conforming to EN/IEC 60947-5-1
<b>Short-circuit protection</b>	10 A cartridge fuse type gG (gl)
<b>Actuator forcible withdrawal rtc</b>	500 N
<b>Maximum operating rate</b>	10 cyc/mn for maximum durability
<b>Safety level</b>	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
<b>Safety reliability data</b>	B10d = 5000000 value given for a life time of 20 years limited by mechanical or contact wear
<b>Body material</b>	PA (polyamide)
<b>Head material</b>	PA (polyamide)
<b>Depth</b>	33 mm
<b>Height</b>	94 mm
<b>Width</b>	110 mm
<b>Net weight</b>	0.36 kg

## Environment

<b>Standards</b>	EN/ISO 12100 EN/IEC 60947-5-1 UL 508 EN/IEC 60204-1 CSA C22.2 No 14 EN 1088/ISO 14119
<b>Product certifications</b>	UL CSA
<b>Protective treatment</b>	TC
<b>Ambient air temperature for operation</b>	-25...60 °C
<b>Ambient air temperature for storage</b>	-40...70 °C
<b>Vibration resistance</b>	5 gn (f= 10...500 Hz) conforming to IEC 60068-2-6
<b>Shock resistance</b>	10 gn for 11 ms conforming to IEC 60068-2-27
<b>Electrical shock protection class</b>	Class II conforming to EN/IEC 61140
<b>IP degree of protection</b>	IP67 conforming to EN/IEC 60529 and EN/IEC 60947-5-1

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Weight</b>	396.0 g
<b>Package 1 Height</b>	4 cm
<b>Package 1 width</b>	11.5 cm

Package 1 Length	11 cm
Unit Type of Package 2	S02
Number of Units in Package 2	22
Package 2 Weight	9.022 kg
Package 2 Height	15 cm
Package 2 width	30 cm
Package 2 Length	40 cm

### Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End of Life Information</a>

### Contractual warranty

Warranty	18 months
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