Product data sheet

Specifications



Guard switch, Telemecanique Safety switches XCS, XCSPR, spindle 80 mm, 1NC+1 NO, M16

XCSPR562

Product availability : Stock - Normally stocked in distribution facility

Price* : 89.00 USD

Main

Range of Product	Telemecanique Safety switches XCS
Product or Component Type	Guard switch
Component name	XCSPR
Material	Plastic
Head type	Turret head rotary axis
Insulation	Double insulated
Type of operator	Spindle 80 mm
Electrical Connection	Terminal
Contacts type and composition	1 NC + 1 NO
Contact operation	Slow-break, break before make
Clamping Connection Capacity	1 x 0.5...2 x 1.5 mm² with or without cable end
Cable entry	1 entry tapped M16 x 1.5
Number of poles	2

Complementary

Cable outer diameter	0.28…0.39 in (7…10 mm)
Positive opening	With NC contact
Tripping angle	5 °
Mechanical durability	1000000 cycles
Minimum torque for tripping	0.89 lbf.in (0.1 N.m)
Positive opening minimum torque	2.21 lbf.in (0.25 N.m)
Contact code designation	A300, AC-15 (Ue = 120 V, Ie = 6 A)EN/IEC 60947-5-1 A300, AC-15 (Ue = 240 V, Ie = 3 A)EN/IEC 60947-5-1 Q300, DC-13 (Ue = 125 V, Ie = 0.55 A)EN/IEC 60947-5-1 Q300, DC-13 (Ue = 250 V, Ie = 0.27 A)EN/IEC 60947-5-1
[Ithe] conventional enclosed thermal current	10 A
[Ui] rated insulation voltage	300 VUL 508 300 VCSA C22.2 No 14 500 V 3)EN/IEC 60947-1

* Price is “List Price” and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

[Uimp] rated impulse withstand voltage	6 kV EN/IEC 60947-5-1
Maximum resistance across terminals	30 mOhm EN/IEC 60947-5-4
Short-circuit protection	10 A cartridge fuse gG (gl)
Safety level	Can reach category 4 with the appropriate monitoring system and correctly wired EN/ISO 13849-1 Can reach PL = e with the appropriate monitoring system and correctly wired EN/ISO 13849-1 Can reach SIL 3 with the appropriate monitoring system and correctly wired IEC 61508
Safety reliability data	B10d = 5000000 value given for a life time of 20 years limited by mechanical or contact wear
Enclosure Material	Polyamide PA66 fibre glass impregnated
Lever material	Stainless steel
Width	1.18 in (30 mm)
Height	3.78 in (96 mm)
Depth	4.33 in (110 mm)
Net Weight	0.30 lb(US) (0.137 kg)

Environment

Standards	UL 508 EN 1088/ISO 14119 EN/IEC 60947-5-4 EN/ISO 12100 EN/IEC 60204-1 EN/IEC 60947-5-1 CSA C22.2 No 14
Product Certifications	BG UL CSA
Protective treatment	TC TH
Ambient Air Temperature for Operation	-13…158 °F (-25…70 °C)
Ambient Air Temperature for Storage	-40…158 °F (-40…70 °C)
Vibration resistance	50 gn 10…500 Hz)IEC 60068-2-6
Shock resistance	50 gn 11 ms IEC 60068-2-27
Electrical shock protection class	Class II EN/IEC 61140
IP degree of protection	IP67 conforming to IEC 60529

Ordering and shipping details

Category	22411-LIMIT SWITCHES,IEC,XCKJ
Discount Schedule	T
GTIN	3389110177114
Nbr. of units in pkg.	1
Package weight(Lbs)	6.42 oz (182.0 g)
Returnability	No
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	4.65 in (11.8 cm)
Package 1 width	4.53 in (11.5 cm)

Package 1 Length	1.50 in (3.8 cm)

Offer Sustainability

Sustainable offer status	Green Premium product
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
REACh Regulation	REACh Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information

Contractual warranty

Warranty	18 months