XCSP3918P20

safety limit switch - plastic - rotary lever - 2NC +1NO - 1entry tapped M20 x 1.5

Green Premium™ Product

Main

Range of product	Preventa Safety detection
Product or component type	Safety limit switch
Component name	XCSP
Design	Compact
Material	Plastic
Head type	Rotary head
Protection technology	Plastic protective cover, secured by 5-lobe socket head safety screw
Type of operator	Thermoplastic roller lever
Contacts type and composition	1 NC + 1 NC + 1 NO
Contact operation	Snap action
Cable entry	1 entry tapped M20 x 1.5

Complementary

Electrical connection	Terminal
Clamping connection capacity	1 x 0.34...2 x 0.75 mm²
Switch actuation	By 30° cam
Number of poles	3
Positive opening	With NC contact
Mechanical durability	10000000 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)
Maximum actuation speed	4.92 ft/s (1.5 m/s)
Contact code designation	B300, AC-15 (Ue = 240 V, Ie = 1.5 A)EN/IEC 60947-5-1 appendix A R300, DC-13 (Ue = 250 V, Ie = 0.1 A)EN/IEC 60947-5-1 appendix A
[Ithe] conventional enclosed thermal current	6 A
[Ui] rated insulation voltage	300 VUL 508 400 V 3)EN/IEC 60947-1 300 VCSA C22.2 No 14
[Uimp] rated impulse withstand voltage	4 KV EN/IEC 60947-1 4 kV IEC 60664
Maximum resistance across terminals	25 MOhm IEC 60255-7 category 3
Short-circuit protection	6 A cartridge fuse gG (gl)
Repeat accuracy	0.1 mm on tripping points, 1 million operating cycles for head with end plunger
Body material	Plastic
Head material	Zamak
Enclosure material	Plastic
Depth	1.38 in (35 mm)
Height	4.80 in (122 mm)
Maximum Width	1.34 in (34 mm)
Net Weight	0.56 lb(US) (0.255 kg)

Environment

Standards	EN/IEC 60204-1 EN/IEC 60947-5-1 CSA C22.2 No 14 EN 1088/ISO 14119 UL 508
Product certifications	UL CSA
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 = 50000000 value given for a life time of 20 years limited by mechanical or contact wear
Protective treatment	TC
Ambient air temperature for operation	-13…158 °F (-25…70 °C)
Ambient air temperature for storage	-40…158 °F (-40…70 °C)
Vibration resistance	25 gn 10…500 Hz)IEC 60068-2-6
Shock resistance	50 gn 11 ms IEC 60068-2-27
Electrical shock protection class	Class II NF C 20-030 Class II EN/IEC 61140
IP degree of protection	IP66 conforming to IEC 60529 IP67 IEC 60529
IK degree of protection	IK04 EN 50102

Ordering and shipping details

Category	22411 - LIMIT SWITCHES,IEC,XCKJ
Discount Schedule	T
GTIN	03389110239027
Nbr. of units in pkg.	1
Package weight(Lbs)	0.7 lb(US) (0.32 kg)
Returnability	No
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	1.26 in (3.2 cm)
Package 1 width	1.97 in (5 cm)
Package 1 Length	4.96 in (12.6 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

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Contractual warranty

Warranty	18 months