



Main

Range of Product	Telemecanique Limit switches XC Standard
Series name	Standard format
Product or Component Type	Limit switch
Device short name	XCKD
Sensor design	Compact
Body type	Fixed
Head type	Rotary head
Material	Metal
Body material	Zamak
Head material	Zamak
Fixing Mode	By the body
Movement of operating head	Rotary
Type of operator	Spring return roller lever thermoplastic
Type of approach	Lateral approach, 2 directions
Number of poles	3
Contacts type and composition	2 NC + 1 NO
Contact operation	Snap action

Complementary

Switch actuation	By 30° cam
Electrical connection	Screw-clamp terminals 1 x 0.34...2 x 0.75 mm ²
Cable entry	1 entry tapped for Pg 11 cable gland
Contacts insulation form	Zb
Number of steps	1
Positive opening	With
Minimum torque for tripping	0.89 lbf.in (0.1 N.m)
Maximum actuation speed	4.92 ft/s (1.5 m/s)
Repeat accuracy	0.1 mm on the tripping points with 1 million operating cycles
Contact code designation	B300, AC-15 (U _e = 240 V), I _e = 10 A EN 60947-5-1 B300, AC-15 (U _e = 240 V), I _e = 10 A IEC 60947-5-1 appendix A R300, DC-13 (U _e = 250 V) EN 60947-5-1 R300, DC-13 (U _e = 250 V) IEC 60947-5-1 appendix A
[I _{th} e] conventional enclosed thermal current	10 A
[U _i] rated insulation voltage	300 VUL 508 300 VCSA C22.2 No 14 400 V 3)IEC 60947-1
Maximum resistance across terminals	25 MOhm IEC 60255-7 category 3
[U _{imp}] rated impulse withstand voltage	4 kV IEC 60664 4 kV IEC 60947-1
Short-circuit protection	10 A cartridge fuse gG
Electrical durability	5000000 Cycles, DC-13, 120 V, 2 W 3600 cyc/mn 0.5 IEC 60947-5-1 appendix C 5000000 Cycles, DC-13, 24 V, 4 W 3600 cyc/mn 0.5 IEC 60947-5-1 appendix C 5000000 cycles, DC-13, 48 V, 3 W 3600 cyc/mn 0.5 IEC 60947-5-1 appendix C
Mechanical durability	10000000 cycles
Width	1.22 in (31 mm)
Height	2.56 in (65 mm)

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Depth	1.18 in (30 mm)
Net Weight	0.49 lb(US) (0.22 kg)
Terminals description ISO n°1	(21-22)NC (13-14)NO

Environment

Shock resistance	50 gn 11 ms IEC 60068-2-27
Vibration resistance	25 gn 10...500 Hz)IEC 60068-2-6
IP degree of protection	IP66IEC 60529 IP67IEC 60529
Electrical shock protection class	Class I IEC 61140 Class I NF C 20-030
Ambient Air Temperature for Operation	-4...140 °F (-20...60 °C)
Protective treatment	TC
Dust zone	Zone 21 - 22
Product Certifications	CSA[RETURN]CCC[RETURN]UL
Standards	IEC 60947-5-1 UL 508 EN 60947-5-1 CSA C22.2 No 14 IEC 60204-1 EN 60204-1




Ordering and shipping details

Category	22418-LIMIT SWITCH,IEC,XCKP&XCKT
Discount Schedule	T
GTIN	785901967965
Returnability	Yes
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	5.80 in (14.732 cm)
Package 1 Width	2.50 in (6.35 cm)
Package 1 Length	1.30 in (3.302 cm)
Package 1 Weight	11.20 oz (317.515 g)

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)
Mercury free	Yes
RoHS exemption information	 Yes
Environmental Disclosure	 Product Environmental Profile
Circularity Profile	No need of specific recycling operations

Contractual warranty

Warranty	18 months
----------	-----------