

XCKVR44D2H29

Limit switch, Limit switches XC Standard, XCKVR, reverse head stay put crossed rods, 2x(NC+NO), slow, M20



Main

Range of Product	OsiSense XC
Series name	Special format
Product or Component Type	Limit switch
Product Specific Application	For hoisting and mechanical handling applications
Device short name	XCKVR
Body type	Fixed
Head type	Reversed rotary head
Material	Plastic
Body material	(PBT+PC)-GF30 FR
Head material	(PBT+PC)-GF30 FR
Fixing Mode	By the body
Movement of operating head	Rotary
Type of operator	Stay put crossed rods lever metal square rod 6 mm, L = 200 mm
Type of approach	Lateral approach, 2 directions
Cable entry	1 entry tapped and 2 breakout holes for M20 x 1.5 cable gland 0.28...0.51 in (7...13 mm)
Number of poles	4
Contacts type and composition	2 x (1 NC + 1 NO)
Contact operation	Slow-break, break before make

Complementary

Switch actuation	By any moving part
Electrical connection	Screw-clamp terminals 1 x 0.5...2 x 2.5 mm ²
Contacts insulation form	Zb
Number of steps	4 electrical positions
Contact block per direction [control circuit]	2 per direction
Positive opening	Without
Minimum torque for tripping	4.43 lbf.in (0.5 N.m)
Minimum actuation speed	6 m/min
Maximum actuation speed	4.92 ft/s (1.5 m/s) actuation point on the rod between 65 and 95 mm
Maximum displacement angle	-180 ° 180 °
Contact code designation	A300, AC-15 (Ue = 240 V), Ie = 3 A 10 A EN/IEC 60947-5-1 appendix A Q150, DC-13 (Ue = 125 V), Ie = 0.55 A EN/IEC 60947-5-1 appendix A
[Ui] rated insulation voltage	300 VUL 508 300 VCSA C22.2 No 14 500 V 3)EN/IEC 60947-1
Maximum resistance across terminals	25 MOhm IEC 60255-7 category 3
[Uimp] rated impulse withstand voltage	6 KV IEC 60664 6 kV EN/IEC 60947-1
Short-circuit protection	10 A cartridge fuse gG
Mechanical durability	1000000 cycles
Width	7.87 in (200 mm)
Height	7.87 in (200 mm)

Depth	2.60 in (66 mm)
Net Weight	0.71 lb(US) (0.32 kg)
Terminals description ISO n°1	(13-14)NO (21-22)NC

Environment

Shock resistance	50 gn EN/IEC 60068-2-27
Vibration resistance	25 gn 10...500 Hz)EN/IEC 60068-2-6
IP degree of protection	IP65 conforming to EN/IEC 60529
IK degree of protection	IK04 conforming to EN 50102
Electrical shock protection class	Class II IEC 60536
Ambient Air Temperature for Operation	-13...158 °F (-25...70 °C)
Ambient Air Temperature for Storage	-40...158 °F (-40...70 °C)
Protective treatment	TC
Product Certifications	CCC[RETURN]CSA[RETURN]UL[RETURN]CE
Standards	CSA C22.2 No 14 EN/IEC 60947-5-1 UL 508

Ordering and shipping details

Category	US1000T22449
Discount Schedule	000T
GTIN	3389119077484
Returnability	No
Country of origin	ID

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	3.54 in (9 cm)
Package 1 Width	3.03 in (7.7 cm)
Package 1 Length	7.68 in (19.5 cm)
Package 1 Weight	13.51 oz (383 g)
Unit Type of Package 2	S02
Number of Units in Package 2	6
Package 2 Height	5.91 in (15 cm)
Package 2 Width	11.81 in (30 cm)
Package 2 Length	15.75 in (40 cm)
Package 2 Weight	4.41 lb(US) (2 kg)
Unit Type of Package 3	P06
Number of Units in Package 3	96
Package 3 Height	29.53 in (75 cm)
Package 3 Width	15.75 in (40 cm)
Package 3 Length	31.50 in (80 cm)
Package 3 Weight	136.18 lb(US) (61.768 kg)

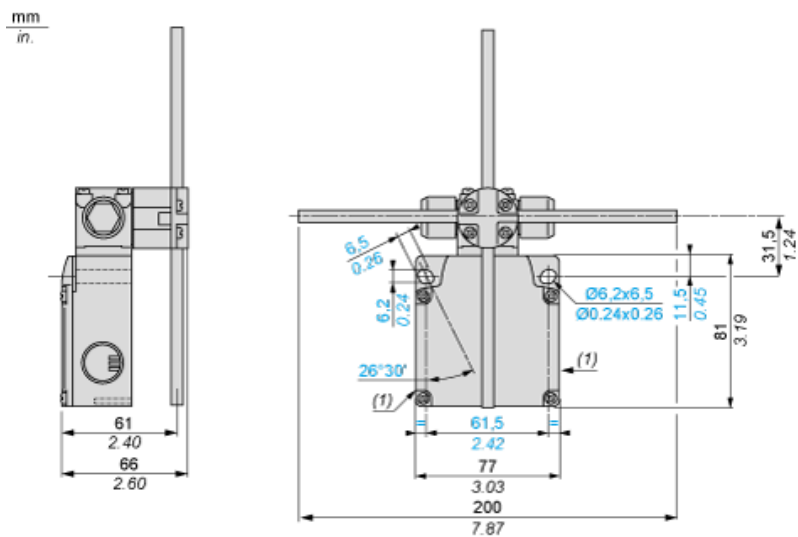
Offer Sustainability

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
For all Reach Rohs enquiries contact us at	sustainability@tesensors.com

Contractual warranty

Warranty	18 months
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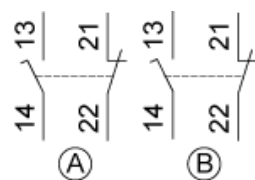
Dimensions



(1) 2 knock-out holes for ISO M20 cable gland (reference: DE9 PEM20010).

Wiring Diagram

2 x 2-pole NC+NO Break Before Make, Slow Break



Functionnal Diagram

