XCKMR1656363

limit switch XCKM - thermoplastic roller lever - 1NC+1NO - snap action



Product availability: Non-Stock - Not normally stocked in distribution facility



Main Range of product OsiSense XC Series name Standard format Product or component Limit switch XCKL Device short name Body type Fixed Head type Rotary head Material Metal Body material Zamak Fixing mode By the body Movement of operating Rotary head Type of operator Spring return roller lever thermoplastic Type of approach Lateral approach 2 directions Number of poles Contacts type and com-1 NC + 1 NO position

Snap action

Complementary

Contacts insulation form Zb Number of steps 1 Positive opening With Positive opening minimum torque 2.21 lbf.in (0.25 N.m) Winimum torque for tripping 0.88 lbf.in (0.1 N.m) Minimum actuation speed 0.01 m/min Maximum actuation speed 4.92 ft/s (1.5 m/s) Contact code designation A300, AC-15 (Ue = 240 V, Ie = 3 A) conforming to EN/IEC 60947-5-1 appendix A Q300, DC-13 (Ue = 250 V, Ie = 0.27 A) conforming to EN/IEC 60947-5-1 appendix A Ui] rated insulation voltage 300 V conforming to CSA C22.2 No 14 500 V degree of pollution 3 conforming to IEC 60947-1 300 V conforming to IEC 60947-1 Short-circuit protection 10 A by gG cartridge fuse Electrical durability 5000000 cycles, DC-13, inductive load type, 120 V, 4 W, operating rate: <= 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 5000000 cycles, DC-13, inductive load type, 24 V, 7 W, operating rate: <= 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 5000000 cycles, DC-13, inductive load type, 24 V, 7 W, operating rate: <= 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 5000000 cycles, DC-13, inductive load type, 24 V, 7 W, operating rate: <= 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C Souther of the control of the	Switch actuation	By 30° cam
Number of steps 1 Positive opening With 2.21 lbf.in (0.25 N.m) Winimum torque for tripping 0.88 lbf.in (0.1 N.m) Winimum actuation speed 0.01 m/min Maximum actuation speed 4.92 ft/s (1.5 m/s) Contact code designation A300, AC-15 (Ue = 240 V, Ie = 3 A) conforming to EN/IEC 60947-5-1 appendix A Q300, DC-13 (Ue = 250 V, Ie = 0.27 A) conforming to EN/IEC 60947-5-1 appendix A Q300, DC-13 (Ue = 250 V, Ie = 0.27 A) conforming to EN/IEC 60947-5-1 appendix A Q300 v conforming to CSA C22.2 No 14 500 V degree of pollution 3 conforming to IEC 60947-1 300 V conforming to UL 508 Resistance across terminals <= 25 MOhm conforming to IEC 60255-7 category 3 Uimp] rated impulse withstand voltage 6 kV conforming to IEC 60947-1 Short-circuit protection 10 A by gG cartridge fuse Electrical durability 5000000 cycles, DC-13, inductive load type, 120 V, 4 W, operating rate: <= 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 5000000 cycles, DC-13, inductive load type, 24 V, 7 W, operating rate: <= 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 5000000 cycles, DC-13, inductive load type, 24 V, 7 W, operating rate: <= 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 5000000 cycles, DC-13, inductive load type, 24 V, 7 W, operating rate: <= 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 5000000 cycles, DC-13, inductive load type, 48 V, 10 W, operating rate: <= 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 5000000 cycles DC-13, inductive load type, 48 V, 10 W, operating rate: <= 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 5000000 cycles DC-13, inductive load type, 48 V, 10 W, operating rate: <= 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 5000000 cycles DC-13, inductive load type, 48 V, 10 W, operating rate: <= 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 5000000 cycles DC-13, inductive load type, 48 V, 10 W, operating rate: <= 60 cyc/mn, load factor: 0.5 conforming to	Electrical connection	Screw-clamp terminals, clamping capacity: 1 x 0.342 x 1.5 mm ²
Positive opening With Positive opening minimum torque 2.21 lbf.in (0.25 N.m) Winimum torque for tripping 0.88 lbf.in (0.1 N.m) Winimum actuation speed 0.01 m/min Waximum actuation speed 4.92 ft/s (1.5 m/s) Contact code designation A300, AC-15 (Ue = 240 V, Ie = 3 A) conforming to EN/IEC 60947-5-1 appendix A 0300, DC-13 (Ue = 250 V, Ie = 0.27 A) conforming to EN/IEC 60947-5-1 appendix A 0300, DC-13 (Ue = 250 V, Ie = 0.27 A) conforming to EN/IEC 60947-5-1 appendix A 0300 V conforming to CSA C22.2 No 14 500 V degree of pollution 3 conforming to IEC 60947-1 300 V conforming to UL 508 Resistance across terminals <= 25 MOhm conforming to IEC 60255-7 category 3 Uimp] rated impulse withstand voltage 6 kV conforming to IEC 60947-1 Short-circuit protection 10 A by gG cartridge fuse Electrical durability 5000000 cycles, DC-13, inductive load type, 120 V, 4 W, operating rate: <= 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 5000000 cycles, DC-13, inductive load type, 24 V, 7 W, operating rate: <= 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 5000000 cycles, DC-13, inductive load type, 24 V, 7 W, operating rate: <= 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 5000000 cycles, DC-13, inductive load type, 24 V, 7 W, operating rate: <= 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 5000000 cycles, DC-13, inductive load type, 48 V, 10 W, operating rate: <= 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 5000000 cycles, DC-13, inductive load type, 48 V, 10 W, operating rate: <= 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 5000000 cycles, DC-13, inductive load type, 48 V, 10 W, operating rate: <= 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 5000000 cycles, DC-13, inductive load type, 24 V, 7 W, operating rate: <= 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 5000000 cycles, DC-13, inductive load type, 24 V, 7 W, operating rate: <= 60 cyc/mn, load factor: 0.5	Contacts insulation form	Zb
Positive opening minimum torque 2.21 lbf.in (0.25 N.m) Winimum torque for tripping 0.88 lbf.in (0.1 N.m) Winimum actuation speed 0.01 m/min Maximum actuation speed 4.92 ft/s (1.5 m/s) Contact code designation A300, AC-15 (Ue = 240 V, Ie = 3 A) conforming to EN/IEC 60947-5-1 appendix A C300, DC-13 (Ue = 250 V, Ie = 0.27 A) conforming to EN/IEC 60947-5-1 appendix A C300, DC-13 (Ue = 250 V, Ie = 0.27 A) conforming to EN/IEC 60947-5-1 appendix A Will prace insulation voltage 300 V conforming to CSA C22.2 No 14 500 V degree of pollution 3 conforming to IEC 60947-1 300 V conforming to UL 508 Resistance across terminals <= 25 MOhm conforming to IEC 60255-7 category 3 Wimp] rated impulse withstand voltage 6 kV conforming to IEC 6064 6 kV conforming to IEC 60947-1 Short-circuit protection 10 A by gG cartridge fuse Electrical durability 5000000 cycles, DC-13, inductive load type, 120 V, 4 W, operating rate: <= 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 5000000 cycles, DC-13, inductive load type, 24 V, 7 W, operating rate: <= 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 5000000 cycles, DC-13, inductive load type, 48 V, 10 W, operating rate: <= 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 5000000 cycles, DC-13, inductive load type, 48 V, 10 W, operating rate: <= 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C Mechanical durability 15000000 cycles Width 2.05 in (52 mm)	Number of steps	1
O.88 lbf.in (0.1 N.m)	Positive opening	With
Maximum actuation speed 0.01 m/min 4.92 ft/s (1.5 m/s) Contact code designation A300, AC-15 (Ue = 240 V, Ie = 3 A) conforming to EN/IEC 60947-5-1 appendix A Q300, DC-13 (Ue = 250 V, Ie = 0.27 A) conforming to EN/IEC 60947-5-1 appendix A Q300, DC-13 (Ue = 250 V, Ie = 0.27 A) conforming to EN/IEC 60947-5-1 appendix A Q300 V conforming to CSA C22.2 No 14 500 V degree of pollution 3 conforming to IEC 60947-1 300 V conforming to UL 508 Resistance across terminals <= 25 MOhm conforming to IEC 60255-7 category 3 Uimp] rated impulse withstand voltage 6 kV conforming to IEC 60664 6 kV conforming to IEC 60947-1 Short-circuit protection 10 A by gG cartridge fuse Electrical durability 500000 cycles, DC-13, inductive load type, 120 V, 4 W, operating rate: <= 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 5000000 cycles, DC-13, inductive load type, 24 V, 7 W, operating rate: <= 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 5000000 cycles, DC-13, inductive load type, 48 V, 10 W, operating rate: <= 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 5000000 cycles, DC-13, inductive load type, 48 V, 10 W, operating rate: <= 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 5000000 cycles, DC-13, inductive load type, 48 V, 10 W, operating rate: <= 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 5000000 cycles, DC-13, inductive load type, 48 V, 10 W, operating rate: <= 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 5000000 cycles, DC-13, inductive load type, 48 V, 10 W, operating rate: <= 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 5000000 cycles, DC-13, inductive load type, 48 V, 10 W, operating rate: <= 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 5000000 cycles, DC-13, inductive load type, 48 V, 10 W, operating rate: <= 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 5000000 cycles 50 in (52 mm)	Positive opening minimum torque	2.21 lbf.in (0.25 N.m)
Asymmatical speed Asymmatical	Minimum torque for tripping	0.88 lbf.in (0.1 N.m)
Contact code designation A300, AC-15 (Ue = 240 V, Ie = 3 A) conforming to EN/IEC 60947-5-1 appendix A Q300, DC-13 (Ue = 250 V, Ie = 0.27 A) conforming to EN/IEC 60947-5-1 appendix A Q300, DC-13 (Ue = 250 V, Ie = 0.27 A) conforming to EN/IEC 60947-5-1 appendix A Q300, DC-13 (Ue = 250 V, Ie = 0.27 A) conforming to EN/IEC 60947-5-1 appendix A Q300 V conforming to CSA C22.2 No 14 S00 V degree of pollution 3 conforming to IEC 60947-1 300 V conforming to UL 508 Resistance across terminals <a< td=""><td>Minimum actuation speed</td><td>0.01 m/min</td></a<>	Minimum actuation speed	0.01 m/min
Q300, DC-13 (Ue = 250 V, Ie = 0.27 A) conforming to EN/IEC 60947-5-1 appendix A Ithe] conventional enclosed thermal current 10 A AC Ui] rated insulation voltage 300 V conforming to CSA C22.2 No 14 500 V degree of pollution 3 conforming to IEC 60947-1 300 V conforming to UL 508 Resistance across terminals <= 25 MOhm conforming to IEC 60255-7 category 3 Uimp] rated impulse withstand voltage 6 kV conforming to IEC 60664 6 kV conforming to IEC 60947-1 Short-circuit protection 10 A by gG cartridge fuse Electrical durability 5000000 cycles, DC-13, inductive load type, 120 V, 4 W, operating rate: <= 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 5000000 cycles, DC-13, inductive load type, 24 V, 7 W, operating rate: <= 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 5000000 cycles, DC-13, inductive load type, 48 V, 10 W, operating rate: <= 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 5000000 cycles, DC-13, inductive load type, 48 V, 10 W, operating rate: <= 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 5000000 cycles, DC-13, inductive load type, 48 V, 10 W, operating rate: <= 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C Mechanical durability 15000000 cycles Width 2.05 in (52 mm)	Maximum actuation speed	4.92 ft/s (1.5 m/s)
Short-circuit protection 10 A by gG cartridge fuse 5000000 cycles, DC-13, inductive load type, 120 V, 4 W, operating rate: <= 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 5000000 cycles, DC-13, inductive load type, 48 V, 7 W, operating rate: <= 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 5000000 cycles, DC-13, inductive load type, 48 V, 7 W, operating rate: <= 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 5000000 cycles, DC-13, inductive load type, 48 V, 7 W, operating rate: <= 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 5000000 cycles, DC-13, inductive load type, 48 V, 10 W, operating rate: <= 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 5000000 cycles, DC-13, inductive load type, 48 V, 10 W, operating rate: <= 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 5000000 cycles, DC-13, inductive load type, 48 V, 10 W, operating rate: <= 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 5000000 cycles, DC-13, inductive load type, 48 V, 10 W, operating rate: <= 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 5000000 cycles, DC-13, inductive load type, 48 V, 10 W, operating rate: <= 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 5000000 cycles, DC-13, inductive load type, 48 V, 10 W, operating rate: <= 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 5000000 cycles, DC-13, inductive load type, 48 V, 10 W, operating rate: <= 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 5000000 cycles, DC-13, inductive load type, 48 V, 10 W, operating rate: <= 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 5000000 cycles, DC-13, inductive load type, 48 V, 10 W, operating rate: <= 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 5000000 cycles, DC-13, inductive load type, 48 V, 10 W, operating rate: <= 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 5000	Contact code designation	Q300, DC-13 (Ue = 250 V, le = 0.27 A) conforming to EN/IEC 60947-5-1 appen-
500 V degree of pollution 3 conforming to IEC 60947-1 300 V conforming to UL 508 Resistance across terminals <= 25 MOhm conforming to IEC 60255-7 category 3 Uimp] rated impulse withstand voltage 6 kV conforming to IEC 60664 6 kV conforming to IEC 60947-1 Short-circuit protection 10 A by gG cartridge fuse Electrical durability 5000000 cycles, DC-13, inductive load type, 120 V, 4 W, operating rate: <= 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 5000000 cycles, DC-13, inductive load type, 24 V, 7 W, operating rate: <= 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 5000000 cycles, DC-13, inductive load type, 48 V, 10 W, operating rate: <= 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 5000000 cycles, DC-13, inductive load type, 48 V, 10 W, operating rate: <= 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C Mechanical durability 15000000 cycles Width 2.05 in (52 mm)	[Ithe] conventional enclosed thermal current	10 A AC
Climp] rated impulse withstand voltage	[Ui] rated insulation voltage	500 V degree of pollution 3 conforming to IEC 60947-1
6 kV conforming to IEC 60947-1 Short-circuit protection 10 A by gG cartridge fuse Electrical durability 5000000 cycles, DC-13, inductive load type, 120 V, 4 W, operating rate: <= 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 5000000 cycles, DC-13, inductive load type, 24 V, 7 W, operating rate: <= 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 5000000 cycles, DC-13, inductive load type, 48 V, 10 W, operating rate: <= 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 15000000 cycles Width 2.05 in (52 mm)	Resistance across terminals	<= 25 MOhm conforming to IEC 60255-7 category 3
5000000 cycles, DC-13, inductive load type, 120 V, 4 W, operating rate: <= 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 5000000 cycles, DC-13, inductive load type, 24 V, 7 W, operating rate: <= 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 5000000 cycles, DC-13, inductive load type, 48 V, 10 W, operating rate: <= 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 15000000 cycles Width 2.05 in (52 mm)	[Uimp] rated impulse withstand voltage	O
cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 5000000 cycles, DC-13, inductive load type, 24 V, 7 W, operating rate: <= 60 cyc/ mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 5000000 cycles, DC-13, inductive load type, 48 V, 10 W, operating rate: <= 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C Mechanical durability 15000000 cycles Width 2.05 in (52 mm)	Short-circuit protection	10 A by gG cartridge fuse
Vidth 2.05 in (52 mm)	Electrical durability	cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 5000000 cycles, DC-13, inductive load type, 24 V, 7 W, operating rate: <= 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 5000000 cycles, DC-13, inductive load type, 48 V, 10 W, operating rate: <= 60
	Mechanical durability	15000000 cycles
Height 2.83 in (72 mm)	Width	2.05 in (52 mm)
	Height	2.83 in (72 mm)

Contact operation

Depth	1.18 in (30 mm)	
Terminals description ISO n°1	(21-22)NC (13-14)NO	

Environment

Environment	
Shock resistance	50 gn (duration = 11 ms) conforming to EN/IEC 60068-2-27
Vibration resistance	25 gn (f = 10500 Hz) conforming to EN/IEC 60068-2-6
IP degree of protection	IP66 conforming to EN/IEC 60529
IK degree of protection	IK05 conforming to EN 50102
Electrical shock protection class	Class I conforming to IEC 61140 Class I conforming to NF C 20-030
Ambient air temperature for operation	-13158 °F (-2570 °C)
Ambient air temperature for storage	-40158 °F (-4070 °C)
Protective treatment	TC
Product certifications	UL CSA
Standards	UL 508 EN 60204-1 CSA C22.2 No 14 EN 60947-5-1 IEC 60204-1 IEC 60947-5-1

Ordering and shipping details

Category	22449 - LIMIT SWITCHES, ACCESSORIES
Discount Schedule	Т
GTIN	00785901686972
Nbr. of units in pkg.	1
Package weight(Lbs)	1.850000000000001
Returnability	N
Country of origin	ID

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0936 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACh	Reference not containing SVHC above the threshold
Product end of life instructions	Need no specific recycling operations
California proposition 65	WARNING: This product can expose you to chemicals including:
Substance 1	Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and
Substance 2	Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm.
More information	For more information go to www.p65warnings.ca.gov

Contractual warranty

Warranty period 18	3 months
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Mouser Electronics

Authorized Distributor

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Schneider Electric: XCKMR1656363