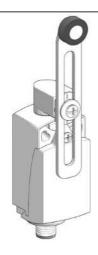
## XCKP2145M12

# limit switch XCKP - th.plastic roller lever var.length - 1NC+1NO - snap - M12

Product availability: Stock - Normally stocked in distribution facility



#### Main Commercial Status Commercialised Range of product OsiSense XC Series name Standard format Product or component Limit switch type XCKP Device short name Sensor design Compact Body type Fixed Head type Rotary head Material Plastic Body material Plastic Head material Zamak By the body Fixing mode Movement of operating Rotary head Type of operator Spring return roller lever thermoplastic (variable Lateral approach 2 directions Type of approach Number of poles Contacts type and 1 NC + 1 NO composition

Snap action

#### Complementary

Switch actuation	By 30° cam
Electrical connection	Male connector M12, 4 pins
Contacts insulation form	Zb
Positive opening	With
Positive opening minimum torque	2.21 lbf.in (0.25 N.m)
Minimum torque for tripping	0.88 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
[le] rated operational current	0.27 A at 250 V, DC-13 conforming to EN/IEC 60947-5-1 appendix A 3 A at 240 V, AC-15 conforming to EN/IEC 60947-5-1 appendix A
[Ithe] conventional enclosed thermal current	3 A
[Ui] rated insulation voltage	250 V degree of pollution 3 conforming to IEC 60947-1 300 V conforming to CSA C22.2 No 14 300 V conforming to UL 508
Resistance across terminals	<= 25 MOhm conforming to IEC 60255-7 category 3
[Uimp] rated impulse withstand voltage	2.5 kV conforming to IEC 60947-1 2.5 kV conforming to IEC 60664
Short circuit protection	4 A by gG cartridge fuse
Electrical durability	5000000 cycles, DC-13, 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, 24 V, 10 W, operating rate: <= 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C 5000000 cycles, DC-13, 120 V, 4 W, operating rate: <= 60 cyc/mn, load factor: 0.5 conforming to IEC 60947-5-1 appendix C
Mechanical durability	10000000 cycles
Width	1.22 in (31 mm)
Height	2.56 in (65 mm)

Contacts operation

Depth	1.18 in (30 mm)
Product weight	0.33 lb(US) (0.15 kg)
Terminals description ISO n°1	(13-14)NO (21-22)NC

#### Environment

Shock resistance	50 gn (duration = 11 ms) conforming to IEC 60068-2-27
Vibration resistance	25 gn (f = 10500 Hz) conforming to IEC 60068-2-6
IP degree of protection	IP67 conforming to IEC 60529 IP66 conforming to IEC 60529
IK degree of protection	IK04 conforming to EN 50102
Class of protection against electric shock	Class II conforming to NF C 20-030 Class II
Ambient air temperature for operation	-13158 °F (-2570 °C)
Ambient air temperature for storage	-40158 °F (-4070 °C)
Protective treatment	TC
Product certifications	CCC CSA UL
Standards	EN 60204-1 EN 60947-5-1 IEC 60204-1 IEC 60947-5-1 UL 508 CSA C22.2 No 14

## Ordering and shipping details

Category	22418 - LIMIT SWITCH,IEC,XCKP&XCKT
Discount Schedule	Т
GTIN	00785901685234
Nbr. of units in pkg.	1
Package weight(Lbs)	0.70
Product availability	Stock - Normally stocked in distribution facility
Returnability	Υ
Country of origin	FR

## Offer Sustainability

Sustainable offer status	Not Green Premium product
RoHS	Compliant - since 1002 - Schneider Electric declaration of conformity
REACh	Reference not containing SVHC above the threshold
Product environmental profile	Available 🔁 Download Product Environmental

### Contractual warranty

Period	18 months	

