



Main

Range of Product	OsiSense XC
Series name	Special format
Product or Component Type	Microswitch
Device short name	XEP4
Detector design	Subminiature, DIN 41635 B format, sealed
Head type	Plunger head
Lever material	Glass reinforced polyamide roller Stainless steel
Lever fixing position	A
Movement of operating head	Linear
Type of operator	Roller lever
Type of approach	Lateral approach
Electrical connection	Pre-cabled
Cable length	1.64 ft (0.5 m)
Cable composition	3 x 0.5 mm ²
Contacts type and composition	1 C/O standard
Contact operation	Snap action
Contacts material	AgCdO

Complementary

Body Material	Polyester
Maximum force for tripping	0.83 N lever fixing position in A 1.67 N lever fixing position in B
Minimum release force	0.27 N lever fixing position in A 0.53 N lever fixing position in B
Maximum permissible end of travel force	3.33 N lever fixing position in A 6.67 N lever fixing position in B
Tripping point	0.57 in (14.5 mm) lever fixing position in B 0.61 in (15.5 mm) lever fixing position in A
Maximum differential travel	0.01 in (0.2 mm) lever fixing position in B 0.02 in (0.39 mm) lever fixing position in A
Minimum over travel	0.04 in (0.9 mm) lever fixing position in B 0.07 in (1.8 mm) lever fixing position in A
Inter contact distance	0.02 in (0.4 mm)
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
[Ith] conventional free air thermal current	7.5 A 250 V 50/60 Hz
Mechanical durability	2000000 cycles
Width	0.28 in (7 mm)
Height	0.59 in (15 mm)
Depth	0.79 in (20 mm)
Net Weight	0.53 oz (14.9 g)
Terminals description ISO n°1	(1-2-4)OC


Environment

IP Degree of Protection	IP67
Ambient air temperature for operation	-40...221 °F (-40...105 °C)
Marking	CE
Standards	IEC 60947-5-1 CURus UL 1054 EN 60947-5-1 EN 61058

Ordering and shipping details

Category	22449 - LIMIT SWITCHES,ACCESSORIES
Discount Schedule	T
GTIN	3389119614788
Nbr. of units in pkg.	1
Package weight(Lbs)	0.1 lb(US) (0.05 kg)
Returnability	No
Country of origin	US

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
REACH Regulation	 REACH Declaration
EU RoHS Directive	Not applicable, out of EU RoHS legal scope