



Main

Range of product	OsiSense XC
Series name	Special format
Product or component type	Microswitch
Device short name	XEPA
Detector design	Subminiature, DIN 41635 B format, sealed
Head type	Plunger head
Lever material	Stainless steel Glass reinforced polyamide roller
Lever fixing position	A
Movement of operating head	Linear
Type of operator	Roller lever
Type of approach	Lateral approach
Electrical connection	2.8 mm cable clip tags
Contacts type and composition	1 C/O standard
Contact operation	Snap action
Contacts material	AgCdO

Complementary

Body material	Polyester
Tags material	Tinned brass
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	14.5 Mm lever fixing position in B 15.5 mm lever fixing position in A
Maximum differential travel	0.2 Mm lever fixing position in B 0.39 mm lever fixing position in A
Minimum over travel	0.9 Mm lever fixing position in B 1.8 mm lever fixing position in A
Inter contact distance	0.4 mm
Contact code designation	B300, AC-15 (Ue = 240 V, Ie = 1.5 A) conforming to EN/IEC 60947-5-1 appendix A R300, DC-13 (Ue = 250 V, Ie = 0.1 A) conforming to EN/IEC 60947-5-1 appendix A
[Ith] conventional free air thermal current	7.5 A at 250 V 50/60 Hz
Mechanical durability	2000000 cycles
Width	7 mm
Height	10 mm
Depth	20 mm
Net weight	3.2 g
Terminals description ISO n°1	(1-2-4)OC

Environment

IP degree of protection	IP67
Ambient air temperature for operation	-40...125 °C
Marking	CE
Standards	IEC 60947-5-1 UL 1054 EN 60947-5-1 EN 61058 CURus

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	1 cm
Package 1 Width	2.5 cm
Package 1 Length	3.9 cm
Package 1 Weight	10 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
For all Reach Rohs enquiries contact us at	sustainability@tesensors.com