

Product data sheet

Specifications



Microswitch, Limit switches XC Standard, miniature limit switch, flat lever, cable length 0.5 m

XEP4E1FDA326

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	Stainless steel
Lever fixing position	A
Movement of operating head	Linear
Type of operator	Flat lever
Type of approach	Lateral approach
Electrical connection	Pre-cabled
Cable length	0.5 m
Cable composition	3 x 0.5 mm²
Contacts type and composition	1 C/O standard
Contact operation	Snap action
Contacts material	AgCdO

Complementary

Body material	Polyester
Maximum force for tripping	0.63 N lever fixing position in A 1.25 N lever fixing position in B
Minimum release force	0.2 N lever fixing position in A 0.4 N lever fixing position in B
Maximum permissible end of travel force	5 N lever fixing position in B 2.5 N lever fixing position in A
Tripping point	10.7 mm lever fixing position in A 9.6 mm lever fixing position in B
Maximum differential travel	0.26 mm lever fixing position in B 0.52 mm lever fixing position in A
Minimum over travel	1.2 mm lever fixing position in B 2.4 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	15 mm
Depth	20 mm
Net weight	14.8 g
Terminals description ISO n°1	(1-2-4)OC

Environment

IP degree of protection	IP67
Ambient air temperature for operation	-40...105 °C
Marking	CE
Standards	UL 1054 EN 60947-5-1 EN 61058 IEC 60947-5-1 CURus

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	1.5 cm
Package 1 Width	7.0 cm
Package 1 Length	12.0 cm
Package 1 Weight	16.0 g
Unit Type of Package 2	S01
Number of Units in Package 2	100
Package 2 Height	15.0 cm
Package 2 Width	15.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	1.877 kg
Unit Type of Package 3	BAG
Number of Units in Package 3	5
Package 3 Height	3.0 cm
Package 3 Width	7.0 cm
Package 3 Length	12.0 cm
Package 3 Weight	85.0 g

Offer Sustainability

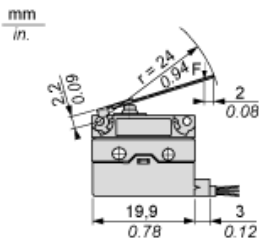
Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
REACH free of SVHC	Yes

EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
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

Contractual warranty

Warranty	18 months
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Dimensions



Wiring Diagram

Single-pole CO Snap Action



- 1 :

2 :

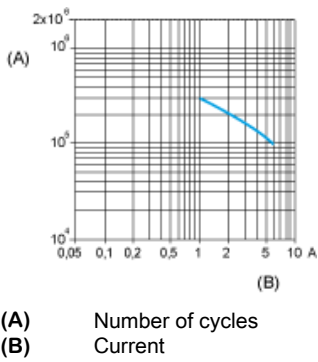
4 :
- Black

Grey

Blue

Operating Curves

250 V AC : Resistive circuit



(A) Number of cycles
(B) Current

Recommended replacement(s)