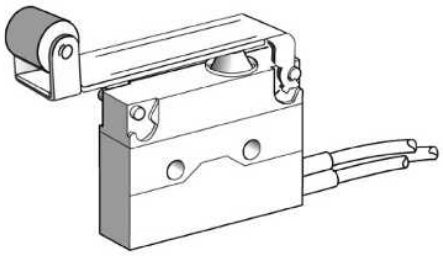
Product data sheet
Characteristics

XEP4E1FDA454
miniature limit switch - roller lever - cable length 0.5 m

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



Main

Commercial Status	Commercialised
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 mm²
Contacts type and composition	1 C/O standard
Contacts operation	Snap action
Contacts material	AgCdO

Complementary

Body material	Polyester
Maximum force for tripping	1.67 N lever fixing position in B 0.83 N lever fixing position in A
Minimum release force	0.53 N lever fixing position in B 0.27 N lever fixing position in A
Maximum permanent end of travel force	6.67 N lever fixing position in B 3.33 N lever fixing position in A
Tripping point	0.61 in (15.5 mm) lever fixing position in A 0.57 in (14.5 mm) lever fixing position in B
Maximum differential travel	0.02 in (0.39 mm) lever fixing position in A 0.01 in (0.2 mm) lever fixing position in B
Minimum over travel	0.07 in (1.8 mm) lever fixing position in A 0.04 in (0.9 mm) lever fixing position in B
Inter contact distance	0.02 in (0.4 mm)
Contact code designation	R300; DC-13(Ue = 250 V, Ie = 0.1 A) conforming to EN/IEC 60947-5-1 appendix A B300; AC-15(Ue = 240 V, Ie = 1.5 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	0.28 in (7 mm)
Height	0.59 in (15 mm)
Depth	0.79 in (20 mm)
Product weight	14.9 g
Terminals description ISO n°1	(1-2-4)OC

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein.
This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications.
It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof.
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Environment

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

Ordering and shipping details

Category	22449 - LIMIT SWITCHES,ACCESSORIES
Discount Schedule	T
GTIN	003389110300529
Nbr. of units in pkg.	5
Package weight(Lbs)	0.05
Product availability	Non-Stock - Not normally stocked in distribution facility
Returnability	N
Country of origin	MA

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS	Compliant - since 0544 - Schneider Electric declaration of conformity
REACh	Reference not containing SVHC above the threshold
Product environmental profile	Available Download Product Environmental
Product end of life instructions	Need no specific recycling operations

Contractual warranty

Period	18 months

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Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

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