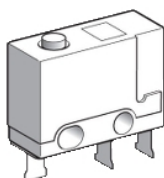


Product availability: Non-Stock - Not normally stocked in distribution facility



### Main

Range of product	OsiSense XC
Series name	Special format
Product or component type	Microswitch
Device short name	XEP5
Detector design	Sub-subminiature, DIN 41635 D format
Head type	Plunger head
Movement of operating head	Linear
Type of operator	Plunger
Switch actuation	On end
Type of approach	Vertical approach
Electrical connection	Solder tags
Contacts type and composition	1 C/O standard
Contact operation	Snap action
Contacts material	Ag

### Complementary

Body material	Diallyl-phthalate
Tags material	Gold plated brass
Maximum force for tripping	2 N
Minimum release force	0.4 N
Maximum permissible end of travel force	10 N
Tripping point	0.33 in (8.4 mm)
Maximum differential travel	0 in (0.06 mm)
Minimum over travel	0 in (0.1 mm)
Inter contact distance	0.01 in (0.3 mm)
Contact code designation	D300; AC-15(Ue = 240 V, Ie = 0.3 A) conforming to EN/IEC 60947-5-1 appendix A
[Ith] conventional free air thermal current	8.5 A at 250 V 50/60 Hz
Mechanical durability	100000 cycles
Width	0.2 in (5 mm)
Height	0.39 in (10 mm)
Depth	0.51 in (13 mm)
Product weight	0.05 oz (1.4 g)
Terminals description ISO n°1	(1-2-4)OC


### Environment

IP degree of protection	IP40
Ambient air temperature for operation	-40...257 °F (-40...125 °C)
Marking	CE
Standards	EN 60947-5-1 CURus UL 1054 EN 61058 IEC 60947-5-1

## Ordering and shipping details

Category	22449 - LIMIT SWITCHES,ACCESSORIES
Discount Schedule	T
GTIN	003389110300543
Nbr. of units in pkg.	5
Package weight(Lbs)	5.0000000000000003E-2
Returnability	N
Country of origin	MA

## Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0549 - Schneider Electric declaration of conformity  Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold
Product end of life instructions	Need no specific recycling operations
California proposition 65	WARNING: This product can expose you to chemicals including:
- - - - - Substance 1	Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and
- - - - - Substance 2	Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm.
- - - - - More information	For more information go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>

## Contractual warranty

Warranty period	18 months
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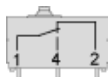
[illegible]

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## Wiring Diagram

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### Single-pole CO Snap Action



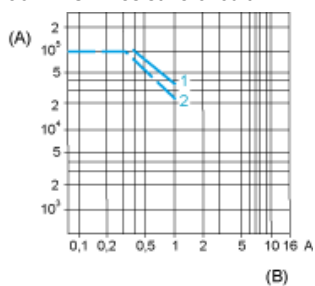
- 1 : Black
- 2 : Grey
- 4 : Blue

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## Operating Curves

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250 V AC : Resistive circuit



- (A) Number of cycles  
(B) Current  
1 : Resistive circuit  
2 : Inductive circuit

# Mouser Electronics

Authorized Distributor

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