Product data sheet
Characteristics

XCE145C
Variable length thermoplastic roller lever



勝 特 力 材 料 886-3-5753170
胜特力电子(上海) 86-21-34970699
胜特力电子(深圳) 86-755-83298787
Http://www.100y.com.tw

Main

Range of product	OsiSense XC
Series name	Basic
Product or component type	Limit switch
Product specific application	Medium duty
Device short name	XCE
Body type	Fixed
Head type	Rotary head
Material	Plastic and metal
Fixing mode	By the body
Movement of operating head	Rotary
Type of operator	Spring return roller lever thermoplastic variable length
Switch actuation	By 30° cam
Type of approach	Lateral approach, 2 directions
Electrical connection	Screw-clamp terminals, clamping capacity: 1 x 1.5 mm²
Cable entry	1 flexible rubber cable gland, cable outer diameter: 6…9 mm
Number of poles	2
Contact operation	Snap action
Positive opening	Without
Maximum force for tripping	7.5 N

Complementary

Contacts insulation form	Za
Minimum release force	0.5 N
Minimum actuation speed	9 mm/s
Maximum actuation speed	1 m/s
Maximum operating rate	120 cyc/mn
Contact code designation	A300, AC (Ue = 240 V), Ie = 3 A, Ithe = 10 A conforming to IEC 60947-5-1 R300, DC (Ue = 220 V), Ie = 0.3 A conforming to IEC 60947-5-1
Maximum resistance across terminals	25 MOhm
[Uimp] rated impulse withstand voltage	4 kV conforming to EN/IEC 60664
Electrical durability	800000 cycles, AC, 3 A, 220 V

Disclaimer: 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

Mechanical durability	10000000 cycles
Width	28 mm
Height	125 mm
Depth	48 mm
Net weight	0.175 kg
Terminals description ISO n°1	(3-4-1-2)OF

Environment

Shock resistance	30 gn for 11 ms conforming to IEC 60068-2-27
Vibration resistance	+/- 3 mm (f= 10…55 Hz) conforming to IEC 60068-2-6
IP degree of protection	IP65 conforming to IEC 60529
Electrical shock protection class	Class I conforming to EN/IEC 60947-5-1
Ambient air temperature for operation	-25…70 °C
Ambient air temperature for storage	-40…70 °C
Marking	CE CCC
Standards	IEC 60947-5-1 GB 14048.5

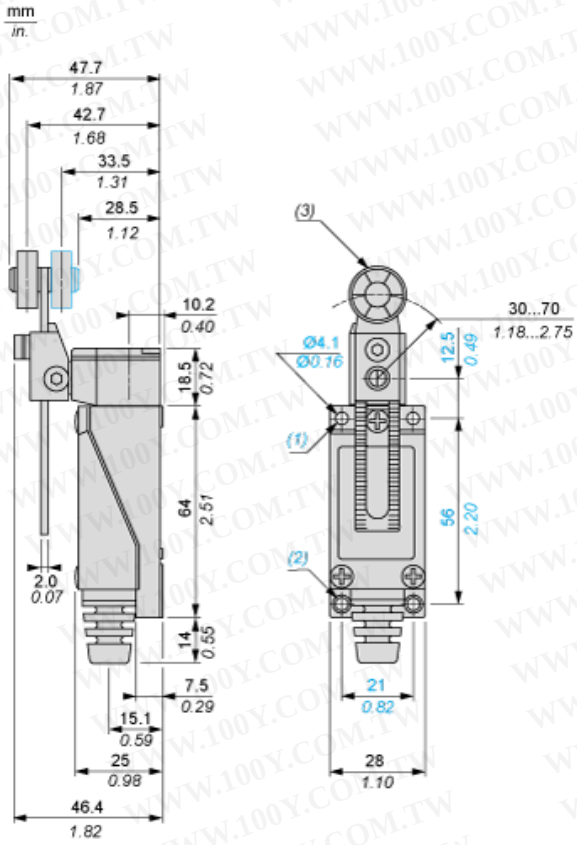
Contractual warranty

Warranty	18 months

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XCE145C

Dimensions



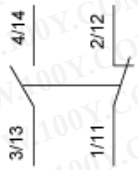
(1) : 2 holes M5 tapped 7mm / 0.27 inches in depth.
(2) : 2 M5 tapped holes.
(3) : Nylon roller Ø 8 x 7 mm / Ø 0.31 x 0.27 in.

XCE145C

Connection and Schema

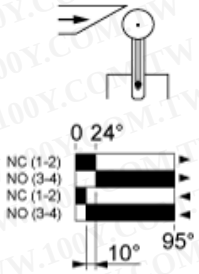
Wiring Diagram

1 NO + 1 NC



Technical Description

Type of Operator and Functional Diagram, Travel Distance

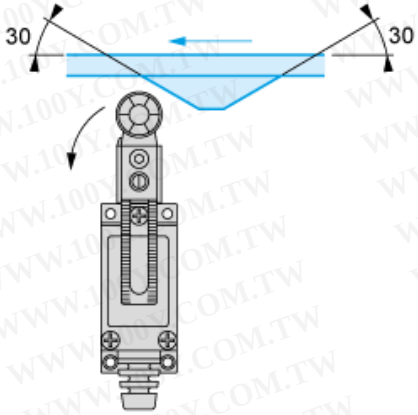


(1)
(2)
(3)
(4)

(1) : Contact closed
(2) : Contact open
(3) : Tripping
(4) : Resetting

Mounting with Adjustable Roller Lever

Recommended Mounting



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Mounting to be Avoided

