

Product data sheet

Specifications



Limit switch, 9007, 600 V 10amp c +options

9007C62KC

Main

Range of product	9007
Series name	Heavy duty
Product or component type	Limit switch
Product specific application	Standard box
Device short name	9007C
Body type	Plug-in
Head type	Multi-directional head
Material	Metal
Fixing mode	By the body
Movement of operating head	Multi-directional
Type of operator	Steel spring return wobble stick (coil spring extension)
Switch actuation	By any moving part
Type of approach	Multi-directional approach, multi-directional approach
Electrical connection	Screw-clamp terminals (AWG 22...AWG 12), 1...2
Cable entry	1 entry for 1/2" - 14 NPT conforming to ANSI B1.20.1
Number of poles	2
Contacts type and composition	2(NC-NO)
Contact operation	Snap action
Positive opening	Without
Sale per indivisible quantity	1

Complementary

Body material	Zinc
Head material	Zinc
Function available	-
Switch function	DPDT-DB
Contact form	Form ZZ
Contacts material	Silver contacts
Terminals description ISO n°1	(3-4)NO (1-2)NC

(7-8)NO
(5-6)NC

Tripping angle	10 °
Maximum displacement angle	90 °
[Ie] rated operational current	1.2 A at 600 V AC, A600 conforming to NEMA 1.5 A at 480 V AC, A600 conforming to NEMA 3 A at 240 V AC, A600 conforming to NEMA 6 A at 120 V AC, A600 conforming to NEMA 0.11 A at 250 V DC, R300 conforming to NEMA 0.55 A at 125 V DC, R300 conforming to NEMA
[I_{th}e] conventional enclosed thermal current	10 A
[Ui] rated insulation voltage	600 V (pollution degree 3) conforming to UL 508 for contact block 600 V (pollution degree 3) conforming to CSA C22.2 No 14 for contact block
[Uimp] rated impulse withstand voltage	2.5 kV AC 1 min conforming to CE 2.2 kV AC 1 min conforming to UL 2.64 kV AC 1 s conforming to CSA
Short-circuit protection	10 A by CC fuse, protection type: non-time delay
Electrical durability	1000000 cycles
Local signalling	without
Mechanical durability	10000000 cycles
Width	39.37 mm
Height	206.76 mm
Depth	45.47 mm
Product weight	0.57 kg

Environment

Shock resistance	60 gn for 9 ms conforming to IEC 60068-2-27
Vibration resistance	25 gn (f= 10...150 Hz) conforming to IEC 60068-2-6
NEMA degree of protection	NEMA 1 conforming to Nema type 250 NEMA 2 conforming to Nema type 250 NEMA 4 conforming to Nema type 250 NEMA 6 conforming to Nema type 250 NEMA 6P conforming to Nema type 250 NEMA 12 conforming to Nema type 250 NEMA 13 conforming to Nema type 250
IP degree of protection	IP67 conforming to IEC 60529
Electrical shock protection class	Class 0 conforming to IEC 61140
Ambient air temperature for operation	-29...85 °C for standard environment
Ambient air temperature for storage	-29...85 °C
Environmental characteristic	Standard environment
Protective treatment	Epoxy powder coat

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	24.384 cm
Package 1 Width	4.826 cm
Package 1 Length	6.096 cm
Package 1 Weight	566.991 g

Offer Sustainability

REACH Regulation	REACH Declaration
EU RoHS Directive	Not applicable, out of EU RoHS legal scope
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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Recommended replacement(s)