

# Product data sheet

Specifications



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

9007C52D

### Main

Range of product	9007
Series name	Heavy duty
Product or component type	Limit switch
Product specific application	Compact box
Device short name	9007C
Body type	Plug-in
Head type	Plunger head
Material	Metal
Fixing mode	By the body
Movement of operating head	Linear
Type of operator	Steel spring return roller plunger (-)
Switch actuation	By 30° cam
Type of approach	Lateral approach, 2 directions
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	1
Contacts type and composition	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	SPDT-DB
Contact form	Form Z
Contacts material	Silver contacts
Terminals description ISO n°1	(3-4)NO

(1-2)NC

<b>Repeat accuracy</b>	+/- 0.001 in linear travel of cam
<b>[Ie] rated operational current</b>	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 0.1 A at 600 V DC, Q600 conforming to NEMA 0.27 A at 250 V AC, Q600 conforming to NEMA 0.55 A at 125 V DC, Q600 conforming to NEMA
<b>[Ithe] conventional enclosed thermal current</b>	10 A
<b>[Ui] rated insulation voltage</b>	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
<b>[Uimp] rated impulse withstand voltage</b>	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
<b>Short-circuit protection</b>	10 A by CC fuse, protection type: non-time delay
<b>Electrical durability</b>	1000000 cycles
<b>Local signalling</b>	without
<b>Mechanical durability</b>	10000000 cycles
<b>Width</b>	39.37 mm
<b>Height</b>	96.01 mm
<b>Depth</b>	45.47 mm
<b>Product weight</b>	0.57 kg

## Environment

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

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	4.3 cm
<b>Package 1 Width</b>	5.3 cm
<b>Package 1 Length</b>	13.5 cm
<b>Package 1 Weight</b>	421.8 g

## Offer Sustainability

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Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>

## Contractual warranty

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Warranty	18 months
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## Recommended replacement(s)