

# Product data sheet

Specifications



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

9007C52F

### 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 side roller plunger with vertical roller (vertical convertible to horizontal)
Switch actuation	By 30° cam
Type of approach	Vertical 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>	79.76 mm
<b>Depth</b>	66.80 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>	5.08 cm
<b>Package 1 Width</b>	7.112 cm
<b>Package 1 Length</b>	11.176 cm
<b>Package 1 Weight</b>	566.991 g

## Offer Sustainability

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

Warranty	18 months
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## Recommended replacement(s)