

# Product data sheet

Specifications



## Limit switch, 9007, 600 VAC 15amp ao +options

9007AO12

### Main

Range of product	9007
Series name	Heavy duty
Product or component type	Limit switch
Device short name	9007AW
Product specific application	Precision
Body type	Fixed

### Complementary

Mounting mode	Open type
Operator profile	Rotary head
Material	Metal
Body material	Cast zinc
Operator material	Cast zinc
Fixing mode	By the body
Movement of operating head	Rotary
Type of operator	Spring return without operating lever cast zinc
Switch actuation	From left convertible to right CCW convertible to CW
Type of approach	Lateral approach, 1 direction programmable
Electrical connection	1...2 cables for screw-clamp terminals (AWG 22...AWG 12)
Number of poles	1
Contacts type and composition	NC-NO, switch function: SPDT-DB
Contact form	Form Z
Contact operation	Snap action
Number of steps	1
Contacts material	Silver contacts
Positive opening	Without
Terminals description ISO n°1	(3-4)NO (1-2)NC
Minimum torque for tripping	0.31 N.m

<b>Tripping angle</b>	5 °
<b>Maximum displacement angle</b>	30 °
<b>Maximum actuation speed</b>	130 ft/min with 30° cam angle, levers only 90 ft/min with 45° cam angle, levers only
<b>Repeat accuracy</b>	+/- 0.002 in linear travel of cam on 1.38 in long lever arm
<b>[Ie] rated operational current</b>	5 A at 600 V AC, A600 conforming to NEMA rating designation 6 A at 480 V AC, A600 conforming to NEMA rating designation 10 A at 240 V AC, A600 conforming to NEMA rating designation 15 A at 120 V AC, A600 conforming to NEMA rating designation 0.1 A at 250 V DC 0.25 A at 125 V DC
<b>[Ithe] conventional enclosed thermal current</b>	15 A
<b>[Ui] rated insulation voltage</b>	600 V (pollution degree 3) conforming to UL 508 for contact block 600 V conforming to CSA C22.2 No 14 for contact block
<b>Width</b>	57.91 mm
<b>Height</b>	88.14 mm
<b>Depth</b>	35.05 mm
<b>Net weight</b>	0.05 kg

## Environment

<b>NEMA degree of protection</b>	NEMA 1 conforming to Nema type 250
<b>IP degree of protection</b>	IP20 conforming to IEC 60529
<b>Ambient air temperature for operation</b>	-18...85 °C
<b>Ambient air temperature for storage</b>	-18...85 °C
<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>	4.064 cm
<b>Package 1 Width</b>	7.112 cm
<b>Package 1 Length</b>	10.668 cm
<b>Package 1 Weight</b>	244.94 g

## Offer Sustainability

<b>REACH Regulation</b>	<a href="#">REACH Declaration</a>
<b>EU RoHS Directive</b>	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
<b>Mercury free</b>	Yes
<b>RoHS exemption information</b>	<a href="#">Yes</a>
<b>California proposition 65</b>	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

<b>Warranty</b>	18 months
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**Recommended replacement(s)**