

# Product data sheet

## Characteristics

### 9007AO16

Limit switch, 9007AW, heavy duty industrial, precision, 15A at 120VAC, 1NO/1NC, lever arm, plug in, open type



#### 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	Plug-in

#### 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 screw-clamp terminals AWG 22...AWG 12)
Number of poles	1
Contacts type and composition	NC-NO 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	2.75 lbf.in (0.31 N.m)
Tripping angle	5 °
Maximum displacement angle	30 °
Maximum actuation speed	130 Ft/Min with 30° cam angle, levers only 90 ft/min with 45° cam angle, levers only
Repeat accuracy	+/- 0.002 in linear travel of cam on 1.38 in long lever arm
[Ie] rated operational current	5 A 600 V AC, A600 NEMA rating designation 6 A 480 V AC, A600 NEMA rating designation 10 A 240 V AC, A600 NEMA rating designation 15 A 120 V AC, A600 NEMA rating designation 0.1 A 250 V DC 0.25 A 125 V DC
[Ithe] conventional enclosed thermal current	15 A
[Ui] rated insulation voltage	600 V 3)UL 508 contact block 600 VCSA C22.2 No 14 contact block

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Width	2.38 in (60.45 mm)
Height	3.47 in (88.14 mm)
Depth	1.38 in (35.05 mm)
Net Weight	0.1 lb(US) (0.05 kg)

## Environment

NEMA degree of protection	NEMA 1 Nema type 250
IP degree of protection	IP20 conforming to IEC 60529
Ambient Air Temperature for Operation	0...185 °F (-18...85 °C)
Ambient Air Temperature for Storage	0...185 °F (-18...85 °C)
Protective treatment	Epoxy powder coat

## Ordering and shipping details

Category	21495-9007 AO 12 - AO 56 OPEN AW SWITCHES
Discount Schedule	DS1
GTIN	00785901807605
Returnability	No
Country of origin	MX

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	1.60 in (4.064 cm)
Package 1 Width	2.70 in (6.858 cm)
Package 1 Length	4.20 in (10.668 cm)
Package 1 Weight	9.28 oz (263.084 g)

## Offer Sustainability

California proposition 65	WARNING: This product can expose you to chemicals including: Diisobutyl 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>
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>

## Contractual warranty

Warranty	18 months
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