

Product data sheet

Specifications



Limit switch, 9007AW, heavy duty industrial, precision, 15A at 120VAC, 1NO/1NC, push rod plunger, plug in, NEMA 4, 13

9007AW46

Product availability : Stock - Normally stocked in distribution facility

Price* : 263.00 USD

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	Surface mounting
Operator profile	Plunger head
Material	Metal
Body Material	Cast zinc
Operator material	Cast zinc
Fixing Mode	By the body
Movement of operating head	Linear
Type of operator	Spring return push rod plunger steel with micrometer adjustment
Switch actuation	On end
Type of approach	Vertical approach, 1 direction
Electrical connection	1...2 screw-clamp terminals AWG 22...AWG 12)
Cable entry	1 entry for 1/2" - 14 NPT ANSI B1.20.1
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

* Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Terminals description ISO n°1	(1-2)NC (3-4)NO
Minimum force for tripping	3 lbf
Repeat accuracy	+/- 0.001 in
[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 0.02 A 600 V DC 0.2 A 250 V DC 0.5 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
Width	2.53 in (64.26 mm)
Height	3.68 in (93.47 mm)
Depth	1.44 in (36.58 mm)
Net Weight	1.25 lb(US) (0.57 kg)

Environment

NEMA degree of protection	NEMA 1 Nema type 250 NEMA 2 Nema type 250 NEMA 4 Nema type 250 NEMA 12 Nema type 250 NEMA 13 Nema type 250
IP degree of protection	IP65 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	21496-9007 AW PRECISION LIMIT SWITCHES
Discount Schedule	DS1
GTIN	785901808602
Returnability	No
Country of origin	MX

Packing Units

Unit Type of Package 1	Db
Number of Units in Package 1	1
Package 1 Height	1.70 in (4.318 cm)
Package 1 Width	2.80 in (7.112 cm)
Package 1 Length	5.20 in (13.208 cm)
Package 1 Weight	19.52 oz (553.383 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 www.P65Warnings.ca.gov
REACH Regulation	REACH Declaration

EU RoHS Directive	Not applicable, out of EU RoHS legal scope
Environmental Disclosure	Product Environmental Profile

Contractual warranty

Warranty	18 months
-----------------	-----------

Recommended replacement(s)