Product data sheet
Characteristics

9007AW42
Limit switch, 9007, 600 VAC 15amp aw +options



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	Surface mounting standard box
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
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	2.22 in (56.39 mm)
Height	3.68 in (93.47 mm)
Depth	1.44 in (36.58 mm)
Net Weight	1.25 lb(US) (0.57 kg)

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.
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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	785901808534
Returnability	No
Country of origin	MX

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	13.67 in (34.71 cm)
Package 1 Width	5.38 in (13.665 cm)
Package 1 Length	34.71 in (88.162 cm)
Package 1 Weight	20.00 oz (566.99 g)

Offer Sustainability

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 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