Product data sheet
Characteristics

9007AW16
LIMIT SWITCH 600VAC 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	Plug-in

Complementary

Mounting mode	Surface mounting
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	CCW convertible to CW From left convertible to right
Type of approach	Lateral approach, 1 direction programmable
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 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 0.02 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
Maximum Width	3 in (76.20 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	-65…185 °F (-54…85 °C)
Ambient air temperature for storage	-65…185 °F (-54…85 °C)
Protective treatment	Epoxy powder coat

Ordering and shipping details

Category	21496 - 9007 AW PRECISION LIMIT SWITCHES
Discount Schedule	DS1
GTIN	00785901807810
Nbr. of units in pkg.	1
Package weight(Lbs)	1.25 lb(US) (0.57 kg)
Returnability	Yes
Country of origin	MX

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	7.62 in (19.355 cm)
Package 1 width	3.00 in (7.62 cm)
Package 1 Length	19.35 in (49.161 cm)

Offer Sustainability

Sustainable offer status	Green Premium product
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	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile

Contractual warranty

Warranty	18 months