

Product data sheet

Specifications



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

9007AW12

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	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)
Cable entry	1 entry for 1/2" - 14 NPT conforming to ANSI B1.20.1
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	(1-2)NC (3-4)NO

Minimum torque for tripping	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 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 0.02 A at 600 V DC 0.2 A at 250 V DC 0.5 A at 125 V DC
[Ithe] conventional enclosed thermal current	15 A
[Ui] rated insulation voltage	600 V (pollution degree 3) conforming to UL 508 for contact block 600 V conforming to CSA C22.2 No 14 for contact block
Width	68.33 mm
Height	93.47 mm
Depth	36.58 mm
Net weight	0.57 kg

Environment

NEMA degree of protection	NEMA 1 conforming to Nema type 250 NEMA 2 conforming to Nema type 250 NEMA 4 conforming to Nema type 250 NEMA 12 conforming to Nema type 250 NEMA 13 conforming to Nema type 250
IP degree of protection	IP65 conforming to IEC 60529
Ambient air temperature for operation	-54...85 °C
Ambient air temperature for storage	-54...85 °C
Protective treatment	Epoxy powder coat

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	4.3 cm
Package 1 Width	7.1 cm
Package 1 Length	13.2 cm
Package 1 Weight	471.7 g

Offer Sustainability

Sustainable offer status	Green Premium product
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

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

Contractual warranty

Warranty 18 months

Recommended replacement(s)