

Product data sheet

Specifications



Limit switch, 9007, 240 VAC 10amp ms +options

9007MS07S0100

Main

Range of product	9007
Series name	Miniature potted
Product or component type	Limit switch
Device short name	9007MS/ML
Sensor design	Miniature
Body type	Fixed
Head type	Plunger head
Material	Metal
Body material	Cast zinc
Number of poles	1

Complementary

Fixing mode	By the head
Movement of operating head	Linear
Type of operator	Spring return parallel roller plunger steel bushing mounted
Type of approach	Lateral approach, 2 directions
Switch actuation	By 30° cam
Contacts type and composition	NC-NO
Switch function	SPDT
Contact form	Form C
Contacts material	Silver contacts
Contact operation	Snap action
Positive opening	Without
Electrical connection	Pre-wired cable bottom
Type of cable	SJTO cable (AWG 18), 0.91 m, yellow
Terminals description ISO n°1	(black)com (green-yellow)gnd (red)NC (white)NO
Wire insulation material	PVC
Maximum force for tripping	80 ozf

[Ie] rated operational current	6 A at 120 V AC, A300 conforming to NEMA rating designation 3 A at 240 V AC, A300 conforming to NEMA rating designation 5 A at 28 V DC
[Ithe] conventional enclosed thermal current	10 A
[Ui] rated insulation voltage	300 V (pollution degree 3) conforming to UL 508 300 V (pollution degree 3) conforming to CSA C22.2 No 14
Electrical durability	100000 cycles
Mechanical durability	10000000 cycles
Marking	UL CSA CE
Sale per indivisible quantity	1
Height	44.45 mm
Width	39.62 mm
Depth	15.75 mm
Product weight	0.54 kg

Environment

Shock resistance	35 gn for 9 ms conforming to IEC 60068-2-27
Vibration resistance	10 gn (f= 75...1200 Hz) conforming to IEC 60068-2-6
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 6 conforming to Nema type 250 NEMA 6P conforming to Nema type 250
IP degree of protection	IP67 conforming to IEC 60529
Ambient air temperature for operation	-40...104 °C
Ambient air temperature for storage	-40...104 °C
Protective treatment	Epoxy powder coat
Product certifications	CSA UL CE
Standards	LR 25490 Class 32 11 03 E78403

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	4.3 cm
Package 1 Width	19.1 cm
Package 1 Length	19.3 cm
Package 1 Weight	285.8 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
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Environmental Disclosure	Product Environmental Profile
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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
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Contractual warranty

Warranty	18 months
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Recommended replacement(s)