

Product data sheet

Specifications



Limit switch, 9007, switch

9007MS04S0084

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	Rotary head
Material	Metal
Body material	Cast zinc
Number of poles	1

Complementary

Fixing mode	By the body
Movement of operating head	Rotary
Type of operator	Spring return without operating lever -
Type of approach	Lateral approach, 2 directions
Switch actuation	From left and right CW and CCW
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	Male connector M12 micro AC type 1 keyway 4 pins bottom
Terminals description ISO n°1	(1-4)NO (1-2)NC (4)gnd
Minimum torque for tripping	48 ozf.in
Maximum actuation speed	130 ft/min with 30° cam angle, levers only 90 ft/min with 45° cam angle, levers only

Tripping angle	35 °
Maximum displacement angle	70 °
[Ie] rated operational current	5 A at 28 V DC 3 A at 120 V AC 3 A at 240 V AC
[I_{th}e] conventional enclosed thermal current	3 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	CSA CE UL
Sale per indivisible quantity	1
Height	63.25 mm
Width	39.62 mm
Depth	15.75 mm
Net 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	12.903 cm
Package 1 Width	5.08 cm
Package 1 Length	32.774 cm
Package 1 Weight	199.581 g
Unit Type of Package 2	CAR
Number of Units in Package 2	50
Package 2 Height	22.86 cm
Package 2 Width	20.574 cm

Package 2 Length	37.338 cm
Package 2 Weight	10.31 kg

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 to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

Contractual warranty

Warranty	18 months
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Recommended replacement(s)