



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	Multi-directional head
Material	Metal
Body Material	Cast zinc
Number of poles	1

Complementary

Fixing Mode	By the body
Movement of operating head	Multi-directional
Type of operator	Spring return wire whisker steel -
Type of approach	Multi-directional approach
Switch actuation	By any moving part
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 2 keyway 4 pins bottom
Terminals description ISO n°1	(1-2)NO (1-3)NC (4)gnd
Maximum force for tripping	15 ozf
[Ie] rated operational current	6 A 120 V AC, A300 NEMA rating designation 3 A 240 V AC, A300 NEMA rating designation 5 A 28 V DC
[Ithe] conventional enclosed thermal current	10 A
[Ui] rated insulation voltage	300 V 3)UL 508 300 V 3)CSA C22.2 No 14
Electrical durability	100000 cycles
Mechanical durability	10000000 cycles
Marking	CSA CE UL
Sale per indivisible quantity	1
Height	1.75 in (44.45 mm)
Width	1.56 in (39.62 mm)
Depth	0.62 in (15.75 mm)
Net Weight	1.2 lb(US) (0.54 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Environment

Shock resistance	35 gn 9 ms IEC 60068-2-27
Vibration resistance	10 gn 75...1200 Hz)IEC 60529
NEMA degree of protection	NEMA 1 Nema type 250 NEMA 12 Nema type 250 NEMA 13 Nema type 250
IP degree of protection	IP54 conforming to IEC 60529
Ambient Air Temperature for Operation	-40...220 °F (-40...104 °C)
Ambient Air Temperature for Storage	-40...220 °F (-40...104 °C)
Protective treatment	Epoxy powder coat
Product Certifications	UL CSA CE
Standards	LR 25490 Class 32 11 03 E78403


Ordering and shipping details

Category	22431-LIMIT SWITCHES,TYPE 9007MS
Discount Schedule	DS1
GTIN	785901158554
Nbr. of units in pkg.	1
Package weight(Lbs)	19.20 oz (544.311 g)
Returnability	No
Country of origin	MX

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	30.48 in (77.419 cm)
Package 1 width	12.00 in (30.48 cm)
Package 1 Length	77.42 in (196.645 cm)

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
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