



by Schneider Electric

Product availability: Stock - Normally stocked in distribution facility



Main

Commercial Status	Commercialised
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-DB
Contact form	Form Z
Contacts material	Silver contacts
Contacts operation	Snap action
Positive opening	Without
Electrical connection	Pre-wired cable bottom
Type of cable	SJTO cable (AWG: 18), 3 ft, yellow
Terminals description ISO n°1	(Black-orange)NO (Red-white)NC (Green-yellow)Gnd
Wire insulation material	PVC
Minimum torque for tripping	48 ozf.in
Maximum actuation speed	90 ft/min with 45° cam angle, levers only 130 ft/min with 30° cam angle, levers only
Tripping angle	40 °
Maximum displacement angle	70 °
[Ie] rated operational current	5 A at 28 V DC 3 A at 240 V AC, A300 conforming to NEMA rating designation 6 A at 120 V AC, A300 conforming to NEMA rating designation
[Ithe] conventional enclosed thermal current	10 A
[Ui] rated insulation voltage	300 V degree of pollution 3 conforming to CSA C22.2 No 14 300 V degree of pollution 3 conforming to UL 508
Electrical durability	100000 cycles
Mechanical durability	10000000 cycles

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Marking	CE CSA UL
Sale per indivisible quantity	1
Height	2.49 in
Width	1.56 in
Depth	0.62 in
Product weight	1.2 lb(US)


Environment

Shock resistance	35 gn (duration = 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 6P conforming to Nema type 250 NEMA 6 conforming to Nema type 250 NEMA 4 conforming to Nema type 250 NEMA 2 conforming to Nema type 250 NEMA 1 conforming to Nema type 250
IP degree of protection	IP67 conforming to IEC 60529
Ambient air temperature for operation	-40...220 °F
Ambient air temperature for storage	-40...220 °F
Protective treatment	Epoxy powder coat
Product certifications	CE CSA UL
Standards	LR 25490 Class 32 11 03 E78403

Ordering and shipping details

Category	22431 - LIMIT SWITCHES,TYPE 9007MS
Discount Schedule	T
GTIN	00785901113409
Nbr. of units in pkg.	1
Package weight(Lbs)	1.20
Product availability	Stock - Normally stocked in distribution facility
Returnability	Y
Country of origin	MX

Offer Sustainability

Sustainable offer status	Not Green Premium product
RoHS	Will be Compliant on 3Q2014
Product environmental profile	Available  Download Product Environmental
Product end of life instructions	Need no specific recycling operations

Contractual warranty

Period	18 months
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Authorized Distributor

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