

Product availability: Non-Stock - Not normally stocked in distribution facility



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	Gold flashed contacts
Contact operation	Snap action
Positive opening	Without
Electrical connection	Pre-wired cable bottom
Type of cable	SJTO cable (AWG 18), 18 ft, yellow
Terminals description ISO n°1	(Green-yellow)Gnd (Black)Com (White)NO (red)NC
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	100 mAat 125 V AC 30 mAat 28 V DC
[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
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 60529
NEMA degree of protection	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 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	DS1
GTIN	00785901156703
Nbr. of units in pkg.	1
Package weight(Lbs)	1.2
Returnability	N
Country of origin	MX

Offer Sustainability

RoHS (date code: YYWW)	Will not be compliant
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Need no specific recycling operations
California proposition 65	WARNING: This product can expose you to chemicals including:
----- Substance 1	Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and
----- Substance 2	Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm.
----- More information	For more information go to www.p65warnings.ca.gov

Contractual warranty

Warranty period	18 months
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Mouser Electronics

Authorized Distributor

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[9007MS04G0500](#)