Product data sheet
Characteristics

9007ML04S0100
Limit switch, 9007, 240 VAC 10amp ml +options



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	CW and CCW From left and right
Contacts type and composition	NC-NO
Switch Function	SPDT-DB
Contact form	Form Z
Contacts material	Silver contacts
Contact operation	Snap action
Positive opening	Without
Electrical connection	Pre-wired cable bottom
Type of cable	SJTO AWG 18), 3 ft (0.91 m), Yellow
Terminals description ISO n°1	(Black-orange)NO (Green-yellow)Gnd (red-white)NC
Wire insulation material	PVC
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	40 °
Maximum displacement angle	70 °
[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	CE CSA UL
Sale per indivisible quantity	1
Height	2.49 in (63.25 mm)
Width	1.56 in (39.62 mm)

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.
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Depth	0.62 in (15.75 mm)
Net Weight	1.2 lb(US) (0.54 kg)

Environment

Shock resistance	35 gn 9 ms IEC 60068-2-27
Vibration resistance	10 gn 75…1200 Hz)IEC 60068-2-6
NEMA degree of protection	NEMA 1 Nema type 250 NEMA 2 Nema type 250 NEMA 4 Nema type 250 NEMA 6 Nema type 250 NEMA 6P Nema type 250
IP degree of protection	IP67 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	CSA UL CE
Standards	LR 25490 Class 32 11 03 E78403

Ordering and shipping details

Category	22431-LIMIT SWITCHES,TYPE 9007MS
Discount Schedule	DS1
GTIN	785901113409
Returnability	No
Country of origin	MX

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	3.81 in (9.677 cm)
Package 1 Width	1.50 in (3.81 cm)
Package 1 Length	9.68 in (24.581 cm)
Package 1 Weight	19.20 oz (544.311 g)

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