Product data sheet
Characteristics

9007MS08S0100
LIMIT SWITCH 240VAC 10AMP MS +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	Plunger head
Material	Metal
Body material	Cast zinc
Number of poles	1

Complementary

Fixing mode	By the head
Movement of operating head	Linear
Type of operator	Spring return cross roller plunger steel bushing mounted
Type of approach	Traverse approach, 2 directions
Switch actuation	By 30° cam
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	Pre-wired cable bottom
Type of cable	SJTO AWG 18), 3 ft (0.91 m), Yellow
Terminals description ISO n°1	(Green-yellow)Gnd (White)NO (Black)Com (red)NC
Wire insulation material	PVC
Maximum force for tripping	80 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	CE UL CSA
Sale per indivisible quantity	1
Height	1.75 in (44.45 mm)
Maximum Width	1.56 in (39.62 mm)
Maximum 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.
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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 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 CE CSA
Standards	E78403 LR 25490 Class 32 11 03

Ordering and shipping details

Category	22431 - LIMIT SWITCHES,TYPE 9007MS
Discount Schedule	DS1
GTIN	00785901788799
Nbr. of units in pkg.	1
Package weight(Lbs)	1.2 lb(US) (0.54 kg)
Returnability	No
Country of origin	MX

Packing Units

Package 1 Height	3.81 in (9.677 cm)
Package 1 width	1.50 in (3.810 cm)
Package 1 Length	9.68 in (24.581 cm)

Offer Sustainability

California proposition 65	WARNING: This product can expose you to chemicals including: Di-isodecyl phthalate (DIDP) and Diisononyl phthalate (DINP) which is known to the State of California to cause Carcinogen and Reproductive harm. For more information go to www.p65warnings.ca.gov
EU RoHS Directive	Not applicable, out of EU RoHS legal scope
Environmental Disclosure	Product Environmental Profile

Contractual warranty

Warranty	18 months