



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 body
Movement of operating head	Linear
Type of operator	Spring return cross roller plunger steel -
Type of approach	Traverse approach, 2 directions
Switch actuation	By 30° cam
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	(Green-yellow)Gnd (Black-orange)NO (red-white)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	UL CE CSA
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)

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	CE UL CSA
Standards	E78403 LR 25490 Class 32 11 03

Ordering and shipping details

Category	22431 - LIMIT SWITCHES,TYPE 9007MS
Discount Schedule	DS1
GTIN	00785901169420
Nbr. of units in pkg.	1
Package weight(Lbs)	0.65 lb(US) (0.29 kg)
Returnability	Yes
Country of origin	MX

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	7.70 in (19.558 cm)
Package 1 width	7.70 in (19.558 cm)
Package 1 Length	1.60 in (4.064 cm)
Unit Type of Package 2	CAR
Number of Units in Package 2	8
Package 2 Weight	6.00 lb(US) (2.722 kg)
Package 2 Height	12.00 in (30.48 cm)
Package 2 width	11.20 in (28.448 cm)
Package 2 Length	15.80 in (40.132 cm)

Offer Sustainability

Sustainable offer status	Green Premium product
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	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile

Contractual warranty

Warranty	18 months
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