

Product data sheet

9007MS02S0084

Limit switch 9007 MS/ML, parallel roller plunger

Main

Range of product	9007
Series name	Miniature potted
Product or component type	Limit switch
Device short name	9007MS/ML
Sensor design	Miniature
ETIM classification	ETIM 9 - EC000030 - End switch
Body type	Fixed
Head type	Plunger head
Material	Metal
Body material	Cast zinc
Fixing mode	By the body
Movement of operating head	Linear
Type of operator	Spring return parallel roller plunger steel -
Switch actuation	By 30° cam
Type of approach	Lateral approach, 2 directions
Maximum force for tripping	80 ozf
Number of poles	1
Product certifications	CE CSA UL
Marking	CE CSA UL
Standards	E78403 LR 25490 Class 32 11 03
Indivisible sale quantity	1
Sale per indivisible quantity	1

Complementary

Mechanical durability	10000000 cycles
Electrical durability	100000 cycles
Electrical connection	Male connector M12 micro AC type 1 keyway 4 pins bottom

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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Positive opening	Without
Contact form	Form C
Contacts type and composition	NC-NO
Contacts material	Silver contacts
Terminals description ISO n°1	(1-2)NC (1-3)NO (4)gnd
Contact operation	Snap action
[Ui] rated insulation voltage	300 V (pollution degree 3) conforming to UL 508, 300 V (pollution degree 3) conforming to CSA C22.2 No 14
[Ie] rated operational current	5 A at 28 V DC, 3 A at 120 V AC, 3 A at 240 V AC
[Ithe] conventional enclosed thermal current	3 A
Switch function	SPDT
Width	1.56 in
Depth	0.62 in
Product weight	1.2 livre

Environment

IP degree of protection	IP67 conforming to IEC 60529
NEMA degree of protection	NEMA 1 conforming to Nema type 250, 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
Ambient air temperature for operation	-40...104 °C
Ambient air temperature for storage	-40...104 °C
Shock resistance	35 gn for 9 ms conforming to IEC 60068-2-27
Vibration resistance	10 gn (f= 75-1200 Hz) conforming to IEC 60068-2-6
Protective treatment	Epoxy powder coat

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

Warranty

Warranty	18 months

Packing Units

Country of origin	MX (Mexico)
Unit type of package 1	PCE
Number of units in package 1	1
New Package 1 GTIN-13	3666916096505

Package 1 height	4.1 cm
Package 1 width	5.8 cm
Package 1 length	9.4 cm
Package 1 weight	163.3 g
New Package 2 GTIN 14	13666916096502
New Package 3 GTIN 14	23666916096509