

9007MS02S0084

LIMIT SWITCH

Download your 9007MS02S0084 datasheet

Green Premium

Characteristics | Documents & Downloads

Main

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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

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Fixing mode	By the body
Movement of operating head	Linear
Type of operator	Spring return parallel roller plunger steel (-)
Type of approach	Lateral 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
Contacts operation	Snap action
Positive opening	Without
Electrical connection	Male connector M12 micro AC type 1 keyway 4 pins bottom
Terminals description ISO n°1	(1-2)NC (1-3)NO (4)gnd
Maximum force for tripping	80 ozf
[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
[Ui] rated insulation voltage	300 V degree of pollution 3 conforming to UL 508 300 V degree of pollution 3 conforming to CSA C22.2 No 14
Electrical durability	100000 cycles
Mechanical durability	10000000 cycles
Marking	CE CSA UL
Sale per indivisible quantity	1

Height	1.75 in
Width	1.56 in
Depth	0.62 in
Product weight	1.2 lb(US)

Environment

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Shock resistance	35 gn (duration = 9 ms) conforming to IEC 60068-2-27
Vibration resistance	10 gn (f = 75...1200 Hz) conforming to IEC 60068-2-6
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
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

Offer Sustainability

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Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1150 - Schneider Electric declaration of conformity
REACh	Reference not containing SVHC above the threshold
Product environmental profile	Available download Product environmental
Product end of life instructions	Need no specific recycling operations

Contractual warranty

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Period	18 months