



Main

Range of product	9007
Series name	Heavy duty
Product or component type	Limit switch
Product specific application	Standard box
Device short name	9007C
Body type	Plug-in
Head type	Plunger head
Material	Metal
Fixing mode	By the body
Movement of operating head	Linear
Type of operator	Steel spring return side roller plunger with vertical roller vertical convertible to horizontal)
Switch actuation	By 30° cam
Type of approach	Vertical approach, 2 directions
Electrical connection	Screw-clamp terminals AWG 22...AWG 12), 1...2
Cable entry	1 entry for 1/2" - 14 NPT BS 4568
Number of poles	1
Contacts type and composition	NC-NO
Contact operation	Snap action
Positive opening	Without
Sale per indivisible quantity	1

Complementary

Body material	Zinc
Head material	Zinc
Function available	-
Switch function	SPDT-DB
Contact form	Form Z
Contacts material	Silver contacts
Terminals description ISO n°1	(1-2)NC (3-4)NO
Minimum force for tripping	4 lbf
Repeat accuracy	+/- 0.001 in linear travel of cam
[Ie] rated operational current	6 A 120 V AC, A150 NEMA 0.55 A 120 V DC
[Ithe] conventional enclosed thermal current	10 A
[Ui] rated insulation voltage	600 V 3)UL 508 contact block 600 V 3)CSA C22.2 No 14 contact block
[Uimp] rated impulse withstand voltage	2.5 KV AC 1 min CE 2.2 KV AC 1 min UL 2.64 kV AC 1 s CSA
Short-circuit protection	10 A CC non-time delay
Electrical durability	1000000 cycles
Local signalling	1 LED indicator light light OFF when switch is actuated)24...120 V AC/DC 100000 h
Mechanical durability	10000000 cycles

Maximum Width	1.55 in (39.37 mm)
Height	4.02 in (102.11 mm)
Maximum Depth	2.63 in (66.80 mm)
Net Weight	1.25 lb(US) (0.57 kg)

Environment

Shock resistance	60 gn 9 ms IEC 60068-2-27
Vibration resistance	25 gn 10...150 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 NEMA 12 Nema type 250 NEMA 13 Nema type 250
IP degree of protection	IP67 IEC 60529
Electrical shock protection class	Class 0 IEC 61140
Ambient air temperature for operation	-20...185 °F (-29...85 °C) standard environment
Ambient air temperature for storage	-20...185 °F (-29...85 °C)
Environmental characteristic	Standard environment
Protective treatment	Epoxy powder coat

Ordering and shipping details

Category	21499 - 9007 C LIMIT SWITCHES
Discount Schedule	DS1
GTIN	00785901137559
Nbr. of units in pkg.	1
Package weight(Lbs)	1.25 lb(US) (0.57 kg)
Returnability	No
Country of origin	MX

Packing Units

Package 1 Height	2.00 in (5.080 cm)
Package 1 width	2.80 in (7.112 cm)
Package 1 Length	4.25 in (10.795 cm)

Offer Sustainability

EU RoHS Directive	Not applicable, out of EU RoHS legal scope
Environmental Disclosure	 Product Environmental Profile

Contractual warranty

Warranty	18 months
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