

# 9007CR53F

NEMA limit switch, 9007C, heavy duty, standard, steel spring return side roller plunger, 10A, 600V, 1NO/1NC, NEMA 7/9

## Main

Range of Product	9007
Series name	Heavy duty
Product or Component Type	Limit switch
Product Specific Application	Hazardous location box
Device short name	9007CR
Body type	Fixed
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 ANSI B1.20.1
Number of poles	1
Contacts type and composition	NC-NO
Contact operation	Snap action
Positive opening	Without
Level or class	Class II Division 1 Groups E/F/G Class I Division 1 Groups B/C/D
Sale per indivisible quantity	1

## Complementary

Body Material	Aluminium
Head material	Zinc
Function Available	-
Switch Function	SPDT-DB
Contact form	Form Z
Contacts material	Silver contacts
Terminals description ISO n°1	(3-4)NO (1-2)NC
Minimum force for tripping	4 lbf
Repeat accuracy	+/- 0.001 in linear travel of cam
[Ie] rated operational current	1.2 A 600 V AC, A600 NEMA 1.5 A 480 V AC, A600 NEMA 3 A 240 V AC, A600 NEMA 6 A 120 V AC, A600 NEMA 0.1 A 600 V DC, Q600 NEMA 0.27 A 250 V AC, Q600 NEMA 0.55 A 125 V DC, Q600 NEMA
[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

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. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

[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	without
Mechanical durability	10000000 cycles
Width	2.72 in (69.09 mm)
Height	6.1 in (154.9 mm)
Depth	2.95 in (74.93 mm)
Net Weight	2.5 lb(US) (1.1 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 conforming to IEC 60529
Electrical shock protection class	Class 0 IEC 61140
Ambient air temperature for operation	-29...85 °C (-20...185 °F) hazardous location
Ambient Air Temperature for Storage	-29...85 °C (-20...185 °F)
Environmental characteristic	Standard environment
Protective treatment	Epoxy powder coat



## Ordering and shipping details

Category	US10DS121499
Discount Schedule	0DS1
GTIN	785901960782
Returnability	No
Country of origin	MX

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	2.90 in (7.366 cm)
Package 1 Width	3.50 in (8.89 cm)
Package 1 Length	6.40 in (16.256 cm)
Package 1 Weight	2.500 lb(US) (1.134 kg)

## 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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
Mercury free	Yes
RoHS exemption information	 Yes
Environmental Disclosure	 <a href="#">Product Environmental Profile</a>
Circularity Profile	No need of specific recycling operations

## Contractual warranty

Warranty	18 months
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