

# Product data sheet

## Characteristics

# 9007CR53C

NEMA limit switch, 9007C, heavy duty, standard, maintained contact lever, 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	Rotary head
Material	Metal
Fixing Mode	By the body
Movement of operating head	Rotary
Type of operator	Zinc stay put without operating lever -)9007C lever
Switch actuation	CW and CCW From left and right
Type of approach	Lateral approach, 1 direction programmable
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 torque for tripping	3 lbf.in (0.34 N.m)
Maximum actuation speed	90 Ft/Min with 45° cam angle, levers only 130 ft/min with 30° cam angle, levers only
Tripping angle	45 °
Maximum displacement angle	90 °
Repeat accuracy	+/- 0.002 in linear travel of cam

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[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
[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 (154.94 mm)
Depth	2.79 in (70.87 mm)
Net Weight	2.5 lb(US) (1.13 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	-20...185 °F (-29...85 °C) hazardous location
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	785901857150
Nbr. of units in pkg.	1
Package weight(Lbs)	34.24 oz (970.7 g)
Returnability	Yes
Country of origin	MX

## Packing Units

Unit Type of Package 1	PCE
Package 1 Height	2.99 in (7.6 cm)
Package 1 width	3.70 in (9.4 cm)
Package 1 Length	6.61 in (16.8 cm)

## Offer Sustainability

Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: Diisobutyl 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>
REACH Regulation	 <a href="#">REACH Declaration</a>
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)  <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	 <a href="#">Yes</a>
Environmental Disclosure	 <a href="#">Product Environmental Profile</a>

## Contractual warranty

Warranty	18 months
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