

# Product data sheet

Specifications



## Limit switch, 9007, 600 V 10amp c +options

9007CR65B2

### 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 spring return without operating lever (-)9007C lever
Switch actuation	CW and CCW From left and right
Type of approach	Lateral approach, 1 or 2 programmable direction
Electrical connection	Screw-clamp terminals (AWG 22...AWG 12), 1...2
Cable entry	1 entry for 1/2" - 14 NPT conforming to ANSI B1.20.1
Number of poles	2
Contacts type and composition	2(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	2 stages sequential
Switch function	2 SPDT-DB
Contact form	Form Z

<b>Contacts material</b>	Silver contacts
<b>Terminals description ISO n°1</b>	(3-4)NO (1-2)NC (7-8)NO (5-6)NC
<b>Minimum torque for tripping</b>	0.45 N.m
<b>Maximum actuation speed</b>	90 ft/min with 45° cam angle, levers only 130 ft/min with 30° cam angle, levers only
<b>Tripping angle</b>	10 °
<b>Maximum displacement angle</b>	90 °
<b>Repeat accuracy</b>	+/- 0.002 in linear travel of cam
<b>[Ie] rated operational current</b>	1.2 A at 600 V AC, A600 conforming to NEMA 1.5 A at 480 V AC, A600 conforming to NEMA 3 A at 240 V AC, A600 conforming to NEMA 6 A at 120 V AC, A600 conforming to NEMA 0.11 A at 250 V DC, R300 conforming to NEMA 0.55 A at 125 V DC, R300 conforming to NEMA
<b>[Ithe] conventional enclosed thermal current</b>	10 A
<b>[Ui] rated insulation voltage</b>	600 V (pollution degree 3) conforming to UL 508 for contact block 600 V (pollution degree 3) conforming to CSA C22.2 No 14 for contact block
<b>[Uimp] rated impulse withstand voltage</b>	2.5 kV AC 1 min conforming to CE 2.2 kV AC 1 min conforming to UL 2.64 kV AC 1 s conforming to CSA
<b>Short-circuit protection</b>	10 A by CC fuse, protection type: non-time delay
<b>Electrical durability</b>	1000000 cycles
<b>Local signalling</b>	without
<b>Mechanical durability</b>	10000000 cycles
<b>Width</b>	69.09 mm
<b>Height</b>	154.94 mm
<b>Depth</b>	70.87 mm
<b>Net weight</b>	1.13 kg

## Environment

<b>Shock resistance</b>	60 gn for 9 ms conforming to IEC 60068-2-27
<b>Vibration resistance</b>	25 gn (f= 10...150 Hz) conforming to IEC 60068-2-6
<b>NEMA degree of protection</b>	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 NEMA 12 conforming to Nema type 250 NEMA 13 conforming to Nema type 250
<b>IP degree of protection</b>	IP67 conforming to IEC 60529
<b>Electrical shock protection class</b>	Class 0 conforming to IEC 61140
<b>Ambient air temperature for operation</b>	-29...85 °C for hazardous location
<b>Ambient air temperature for storage</b>	-29...85 °C
<b>Environmental characteristic</b>	Hazardous location
<b>Protective treatment</b>	Epoxy powder coat

## Packing Units

<b>Unit Type of Package 1</b>	PCE
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<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	17.742 cm
<b>Package 1 Width</b>	6.985 cm
<b>Package 1 Length</b>	45.064 cm
<b>Package 1 Weight</b>	1.134 kg

## Offer Sustainability

<b>REACH Regulation</b>	<a href="#">REACH Declaration</a>
<b>EU RoHS Directive</b>	Not applicable, out of EU RoHS legal scope
<b>Environmental Disclosure</b>	<a href="#">Product Environmental Profile</a>
<b>California proposition 65</b>	WARNING: This product can expose you to chemicals including: Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and Diisodecyl 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>

## Contractual warranty

<b>Warranty</b>	18 months
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## Recommended replacement(s)