Product data sheet
Characteristics

9007CR61H
Limit switch, 9007, 600 V 10amp c +options



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	Stainless steel stay put side plunger (-)
Switch actuation	On end
Type of approach	Lateral approach, 1 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	-
Switch function	DPDT-DB
Contact form	Form ZZ
Contacts material	Silver contacts
Terminals description ISO n°1	(1-2)NC (7-8)NO (3-4)NO (5-6)NC
Minimum force for tripping	7 lbf
Repeat accuracy	+/- 0.001 in linear travel of cam
[Ie] rated operational current	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
[Ithe] conventional enclosed thermal current	10 A
[Ui] rated insulation voltage	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

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.
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[Uimp] rated impulse withstand voltage	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
Short-circuit protection	10 A by CC fuse, protection type: non-time delay
Electrical durability	1000000 cycles
Local signalling	without
Mechanical durability	10000000 cycles
Width	69.09 mm
Height	154.9 mm
Depth	79.25 mm
Net weight	1.1 kg

Environment

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

Packing Units

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

Offer Sustainability

Environmental Disclosure	Product Environmental Profile
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 www.P65Warnings.ca.gov
For all Reach Rohs enquiries contact us at	sustainability@tesensors.com

Contractual warranty

Warranty	18 months