Product data sheet
Characteristics

9007CR61F
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	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	2
Contacts type and composition	2(NC-NO)
Contact operation	Snap action
Positive opening	Without
Level or class	Class I Division 1 Groups B/C/D Class II Division 1 Groups E/F/G
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	(7-8)NO (5-6)NC (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 0.11 A 250 V DC, R300 NEMA 0.55 A 125 V DC, R300 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.
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[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	2.95 in (74.93 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	785901960829
Returnability	No
Country of origin	MX

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	6.99 in (17.742 cm)
Package 1 Width	2.75 in (6.985 cm)
Package 1 Length	17.74 in (45.064 cm)
Package 1 Weight	2.50 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 www.P65Warnings.ca.gov
REACh Regulation	REACh Declaration
EU RoHS Directive	Not applicable, out of EU RoHS legal scope
Environmental Disclosure	Product Environmental Profile

Contractual warranty

Warranty	18 months