

# Product data sheet

## Characteristics

# 9007C66A2S9

9007C limit switch - 2 NO/NC 2 stage - rotary head - CW+CCW - low differential



### Main

Range of product	9007
Series name	Heavy duty
Product or component type	Limit switch
Product specific application	Standard box
Device short name	9007C
Body type	Plug-in
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 (low differential) 9007T/FT lever
Switch actuation	From left and right CW and CCW
Type of approach	1 or 2 programmable direction lateral approach
Electrical connection	(AWG 22...AWG 12) screw-clamp terminals, 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
Sale per indivisible quantity	1

### Complementary

Body material	Zinc
Head material	Zinc
Function available	2 stages sequential
Switch function	2 SPDT-DB
Contact form	Form Z
Contacts material	Silver contacts
Terminals description ISO n°1	(1-2)NC (3-4)NO (5-6)NC

(7-8)NO

Minimum torque for tripping	4 lbf.in
Maximum actuation speed	90 ft/min with 45° cam angle, levers only 130 ft/min with 30° cam angle, levers only
Tripping angle	5 °
Maximum displacement angle	90 °
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 degree of pollution 3 conforming to UL 508 for contact block 600 V degree of pollution 3 conforming to CSA C22.2 No 14 for contact block
[Uimp] rated impulse withstand voltage	2.5 kV AC for 1 min conforming to CE 2.2 kV AC for 1 min conforming to UL 2.64 kV AC for 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	1.55 in
Height	4.02 in
Depth	2.5 in
Product weight	1.25 lb(US)

## Environment

Shock resistance	60 gn (duration = 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 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 NEMA 1 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	-20...185 °F for standard environment
Ambient air temperature for storage	-20...185 °F
Environmental characteristic	Standard environment
Protective treatment	Epoxy powder coat

## Contractual warranty

Warranty period	18 months
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