

# Product data sheet

Specifications



## Snap limit switch, 9007, 600 VAC 15amp ab +options

9007AB21

### Main

Range of product	9007
Series name	Heavy duty
Product or component type	Snap limit switch
Device short name	9007AO/CO
Body type	Fixed

### Complementary

Mounting mode	-
Operator profile	Plunger head
Material	Metal
Body material	Cast zinc
Operator material	Cast zinc
Fixing mode	By the body
Movement of operating head	Linear
Type of operator	Spring return roller lever plunger metal RH bracket + 0.22" roller
Switch actuation	By 30° cam
Type of approach	Traverse approach, 2 directions
Electrical connection	1...2 cables for 6 binder head screw terminals (AWG 22...AWG 14)
Number of poles	1
Contacts type and composition	NC-NO, switch function: SPDT-DB
Contact form	Form Z
Contact operation	Snap action
Number of steps	1
Contacts material	Silver contacts
Positive opening	Without
Terminals description ISO n°1	(3-4)NO (1-2)NC
Minimum force for tripping	0.5 lbf
Maximum force for tripping	0.5 lbf
[Ie] rated operational current	5 A at 600 V AC, A600 conforming to NEMA rating designation

6 A at 480 V AC, A600 conforming to NEMA rating designation  
 10 A at 240 V AC, A600 conforming to NEMA rating designation  
 15 A at 120 V AC, A600 conforming to NEMA rating designation  
 0.02 A at 600 V DC  
 0.2 A at 250 V DC  
 0.5 A at 125 V DC

<b>[I<sub>th</sub>e]</b> conventional enclosed thermal current	15 A
<b>[U<sub>i</sub>]</b> rated insulation voltage	600 V (pollution degree 3) conforming to UL 508 for contact block 600 V conforming to CSA C22.2 No 14 for contact block
<b>Width</b>	24.13 mm
<b>Height</b>	63.50 mm
<b>Depth</b>	61.98 mm
<b>Product weight</b>	0.08 kg

## Environment

<b>NEMA degree of protection</b>	NEMA 1 conforming to Nema type 250
<b>IP degree of protection</b>	IP20 conforming to IEC 60529
<b>Ambient air temperature for operation</b>	-29...85 °C
<b>Ambient air temperature for storage</b>	-29...85 °C

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	2.5 cm
<b>Package 1 Width</b>	10.2 cm
<b>Package 1 Length</b>	15.2 cm
<b>Package 1 Weight</b>	72.6 g
<b>Unit Type of Package 2</b>	S02
<b>Number of Units in Package 2</b>	50
<b>Package 2 Height</b>	15.0 cm
<b>Package 2 Width</b>	30.0 cm
<b>Package 2 Length</b>	40.0 cm
<b>Package 2 Weight</b>	4.105 kg

## Offer Sustainability

<b>REACH Regulation</b>	<a href="#">REACH Declaration</a>
<b>EU RoHS Directive</b>	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
<b>Mercury free</b>	Yes
<b>RoHS exemption information</b>	<a href="#">Yes</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 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>

## Contractual warranty

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