

# Product data sheet

Specifications



## Limit switch, 9007, 600 VAC 12amp t +options

9007TSB1

### Main

Range of product	9007
Series name	Severe duty mill
Product or component type	Limit switch
Device application	Standard mill switch
Device short name	9007T/FT
Body type	Fixed
Head type	Rotary head
Sale per indivisible quantity	1

### Complementary

Base plate style	Style B
Body material	Cast zinc
Fixing mode	By the body
Movement of operating head	Rotary
Type of operator	Spring return without operating lever
Contact sequence number	1
Function available	-
Switch actuation	From left or right CW and CCW
Type of approach	Lateral approach
Electrical connection	Screw-clamp terminals AWG 22...AWG 12
Cable entry	1 entry for 1/2" - 14 NPT conforming to ANSI B1.20.1
Number of poles	1
Switch function	SPDT-DB
Contact form	Form Z
Contact operation	Snap action
Contacts usage	-
Contacts material	Silver flashed copper
Positive opening	Without

<b>Minimum torque for tripping</b>	1.13 N.m
<b>Maximum actuation speed</b>	130 ft/min with 30° cam angle, levers only 90 ft/min with 45° cam angle, levers only
<b>Tripping angle</b>	14 °
<b>Maximum displacement angle</b>	89 °
<b>Repeat accuracy</b>	+/- 0.004 in linear travel of cam on 1.5 in lever arm
<b>Contact code designation</b>	A600, AC (Ue = 600 V) Ie = 5 A conforming to NEMA rating designation A600, AC (Ue = 480 V) Ie = 6.25 A conforming to NEMA rating designation A600, AC (Ue = 240 V) Ie = 12.5 A conforming to NEMA rating designation A600, AC (Ue = 120 V) Ie = 20 A conforming to NEMA rating designation P600, DC (Ue = 600 V) Ie = 0.2 A conforming to NEMA rating designation P600, DC (Ue = 250 V) Ie = 1 A conforming to NEMA rating designation P600, DC (Ue = 120 V) Ie = 5 A conforming to NEMA rating designation
<b>[Ithe] conventional enclosed thermal current</b>	20 A
<b>[Ui] rated insulation voltage</b>	600 V (pollution degree 3) conforming to IEC 609470-1 600 V (pollution degree 3) conforming to UL 508 600 V (pollution degree 3) conforming to CSA C22.2 No 14
<b>[Uimp] rated impulse withstand voltage</b>	2.5 kV AC for 1 minute conforming to CE 2.2 kV AC for 1 minute conforming to UL 2.64 kV AC for 1 minute conforming to CSA
<b>Short-circuit protection</b>	20 A Bussmann class CC KTK-R-21 fuse, type non-time delay
<b>Width</b>	57.15 mm
<b>Height</b>	118.36 mm
<b>Depth</b>	61.98 mm
<b>Product weight</b>	1.13 kg
<b>Terminals description ISO n°1</b>	B (right side contact) A (left side contact)

## Environment

<b>Shock resistance</b>	30 gn for 9 ms conforming to IEC 60068-2-27
<b>Vibration resistance</b>	10 gn (f= 10...55 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 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>	-23...85 °C
<b>Ambient air temperature for storage</b>	-23...85 °C
<b>Protective treatment</b>	Corrosion resistant gray paint

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	6.35 cm
<b>Package 1 Width</b>	7.366 cm
<b>Package 1 Length</b>	13.208 cm
<b>Package 1 Weight</b>	1.134 kg

## Offer Sustainability

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<b>Sustainable offer status</b>	Green Premium product
<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>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 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

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