Product datasheet
Characteristics

9007FTSB1M11
9007FT foundry limit switch - standard - spring return - CW+CCW - M20

Main

Range of product	9007
Series name	Severe duty foundry
Product or component type	Limit switch
Device application	Standard foundry 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 M20 - 20 mm conforming to BS 4568
Number of poles	1
Switch function	SPDT-DB
Contact form	Form Z
Contact operation	Snap action
Contacts usage	-

Disclaimer: 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

Contacts material	Silver flashed copper
Positive opening	Without
Minimum torque for tripping	10 lbf.in
Maximum actuation speed	130 ft/min with 30° cam angle, levers only 90 ft/min with 45° cam angle, levers only
Tripping angle	14 °
Maximum displacement angle	89 °
Repeat accuracy	+/- 0.004 in linear travel of cam on 1.5 in lever arm
Contact code designation	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
[Ithe] conventional enclosed thermal current	20 A
[Ui] rated insulation voltage	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
[Uimp] rated impulse withstand voltage	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
Short-circuit protection	20 A Bussmann class CC KTK-R-21 fuse, type non-time delay
Width	2.25 in
Height	4.66 in
Depth	3.41 in
Product weight	2.5 lb(US)
Terminals description ISO n°1	B (right side contact) A (left side contact)

Environment

Shock resistance	30 gn for 9 ms conforming to IEC 60068-2-27
Vibration resistance	10 gn (f= 10…55 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 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	-10…185 °F
Ambient air temperature for storage	-10…185 °F
Protective treatment	Corrosion resistant gray paint

Offer Sustainability

Sustainable offer status	Green Premium product
REACh Regulation	REACh Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	No need of specific recycling operations

Contractual warranty

Warranty	18 months