

Product data sheet

Specifications



Limit switch, 9007, 9007FT foundry standard, spring return, CW+CCW, M20

9007FTSB1M11

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 | - |
| Contacts material | Silver flashed copper |
| Positive opening | Without |

| | |
|---|---|
| Minimum torque for tripping | 1.13 N.m |
| 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 | 57.15 mm |
| Height | 118.36 mm |
| Depth | 86.61 mm |
| Net weight | 1.13 kg |
| 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 | -23...85 °C |
| Ambient air temperature for storage | -23...85 °C |
| Protective treatment | Corrosion resistant gray paint |

Packing Units

| | |
|-------------------------------------|----------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 7.874 cm |
| Package 1 Width | 9.652 cm |
| Package 1 Length | 16.51 cm |
| Package 1 Weight | 1.134 kg |
| Unit Type of Package 2 | S03 |

| | |
|-------------------------------------|----------|
| Number of Units in Package 2 | 8 |
| Package 2 Height | 30 cm |
| Package 2 Width | 30 cm |
| Package 2 Length | 40 cm |
| Package 2 Weight | 9.913 kg |

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 |
| 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 |

Contractual warranty

| | |
|-----------------|-----------|
| Warranty | 18 months |
|-----------------|-----------|

Recommended replacement(s)