



### 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                      | 2                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Function available                           | 2 stages sequential                                                                                                                                                                                                                                                                                                                                                                                                         |
| Switch actuation                             | From left or right<br>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 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                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Minimum torque for tripping                  | 10 lbf.in (1.13 N.m)                                                                                                                                                                                                                                                                                                                                                                                                        |
| Maximum actuation speed                      | 130 Ft/Min with 30° cam angle, levers only<br>90 ft/min with 45° cam angle, levers only                                                                                                                                                                                                                                                                                                                                     |
| Tripping angle                               | 9 ° initial<br>16 ° final                                                                                                                                                                                                                                                                                                                                                                                                   |
| 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 NEMA rating designation<br>A600, AC (Ue = 480 V) Ie = 6.25 A NEMA rating designation<br>A600, AC (Ue = 240 V) Ie = 12.5 A NEMA rating designation<br>A600, AC (Ue = 120 V) Ie = 20 A NEMA rating designation<br>P600, DC (Ue = 600 V) Ie = 0.2 A NEMA rating designation<br>P600, DC (Ue = 250 V) Ie = 1 A NEMA rating designation<br>P600, DC (Ue = 120 V) Ie = 5 A NEMA rating designation |
| [Ithe] conventional enclosed thermal current | 20 A                                                                                                                                                                                                                                                                                                                                                                                                                        |
| [Ui] rated insulation voltage                | 600 V 3)IEC 609470-1<br>600 V 3)UL 508<br>600 V 3)CSA C22.2 No 14                                                                                                                                                                                                                                                                                                                                                           |

|                                        |                                                                                       |
|----------------------------------------|---------------------------------------------------------------------------------------|
| [Uimp] rated impulse withstand voltage | 2.5 KV AC for 1 minute CE<br>2.2 KV AC for 1 minute UL<br>2.64 kV AC for 1 minute CSA |
| Short-circuit protection               | 20 A Bussmann class CC KTK-R-21 fuse non-time delay                                   |
| Maximum Width                          | 2.25 in (57.15 mm)                                                                    |
| Height                                 | 4.66 in (118.36 mm)                                                                   |
| Depth                                  | 3.41 in (86.61 mm)                                                                    |
| Net Weight                             | 2.5 lb(US) (1.13 kg)                                                                  |
| Terminals description ISO n°1          | B (right side contact)<br>A (left side contact)                                       |

## Environment

|                                       |                                                                                                                        |
|---------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| Shock resistance                      | 30 gn 9 ms IEC 60068-2-27                                                                                              |
| Vibration resistance                  | 10 gn 10...55 Hz)IEC 60068-2-6                                                                                         |
| NEMA degree of protection             | NEMA 1 Nema type 250<br>NEMA 2 Nema type 250<br>NEMA 4 Nema type 250<br>NEMA 12 Nema type 250<br>NEMA 13 Nema type 250 |
| IP degree of protection               | IP67 conforming to IEC 60529                                                                                           |
| Electrical shock protection class     | Class 0 IEC 61140                                                                                                      |
| Ambient air temperature for operation | -10...185 °F (-23...85 °C)                                                                                             |
| Ambient air temperature for storage   | -10...185 °F (-23...85 °C)                                                                                             |
| Protective treatment                  | Corrosion resistant gray paint                                                                                         |

## Ordering and shipping details

|                       |                                        |
|-----------------------|----------------------------------------|
| Category              | 21497 - 9007 FT,T OILTIGHT AND FOUNDRY |
| Discount Schedule     | DS1                                    |
| GTIN                  | 00785901119333                         |
| Nbr. of units in pkg. | 1                                      |
| Package weight(Lbs)   | 1 lb(US) (0.45 kg)                     |
| Returnability         | No                                     |
| Country of origin     | MX                                     |

## Packing Units

|                        |                     |
|------------------------|---------------------|
| Unit Type of Package 1 | PCE                 |
| Package 1 Height       | 3.50 in (8.89 cm)   |
| Package 1 width        | 6.40 in (16.256 cm) |
| Package 1 Length       | 2.90 in (7.366 cm)  |

## Offer Sustainability

|                           |                                                                                                                                                                                                                                                                                                                                                                                   |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |
| REACH Regulation          |  <a href="#">REACH Declaration</a>                                                                                                                                                                                                                                                             |
| EU RoHS Directive         | Not applicable, out of EU RoHS legal scope                                                                                                                                                                                                                                                                                                                                        |
| Environmental Disclosure  |  <a href="#">Product Environmental Profile</a>                                                                                                                                                                                                                                                 |

## Contractual warranty

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