

Product availability: Non-Stock - Not normally stocked in distribution facility



### Main

|                               |                       |
|-------------------------------|-----------------------|
| Range of product              | 9007                  |
| Series name                   | Severe duty mill      |
| Product or component type     | Limit switch          |
| Device application            | Universal 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                                  | 5                                                                                                                                                                                                                                                                                                                                |
| Function available                                       | -                                                                                                                                                                                                                                                                                                                                |
| Switch actuation                                         | CCW<br>From left or right                                                                                                                                                                                                                                                                                                        |
| Type of approach                                         | Lateral approach                                                                                                                                                                                                                                                                                                                 |
| Electrical connection                                    | Screw-clamp terminals AWG 22...AWG 12                                                                                                                                                                                                                                                                                            |
| Cable entry                                              | 1 entry for M20 - 20 mm 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                              | 12 lbf.in                                                                                                                                                                                                                                                                                                                        |
| Maximum actuation speed                                  | 90 ft/min with 45° cam angle, levers only<br>130 ft/min with 30° cam angle, levers only                                                                                                                                                                                                                                          |
| Tripping angle                                           | 14 °                                                                                                                                                                                                                                                                                                                             |
| Maximum displacement angle                               | 88 °                                                                                                                                                                                                                                                                                                                             |
| Repeat accuracy                                          | +/- 0.004 in linear travel of cam on 1.5 in lever arm                                                                                                                                                                                                                                                                            |
| Contact code designation                                 | A600 480 V AC 6.25 A NEMA rating designation<br>A600 240 V AC 12.5 A NEMA rating designation<br>A600 120 V AC 20 A NEMA rating designation<br>P600 600 V DC 0.2 A NEMA rating designation<br>P600 250 V DC 1 A NEMA rating designation<br>P600 120 V DC 5 A NEMA rating designation<br>A600 600 V AC 5 A NEMA rating designation |
| [I <sub>th</sub> ] conventional enclosed thermal current | 20 A                                                                                                                                                                                                                                                                                                                             |
| [U <sub>i</sub> ] rated insulation voltage               | 600 V 3 IEC 60947-1<br>600 V 3 UL 508<br>600 V 3 CSA C22.2 No 14                                                                                                                                                                                                                                                                 |

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|                                        |                                                                                       |
|----------------------------------------|---------------------------------------------------------------------------------------|
| [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                                   |
| Width                                  | 2.25 in                                                                               |
| Height                                 | 4.66 in                                                                               |
| Depth                                  | 2.44 in                                                                               |
| Product weight                         | 2.5 lb(US)                                                                            |
| 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 IEC 60529                                                                                                         |
| Electrical shock protection class     | Class 0 IEC 61140                                                                                                      |
| Ambient air temperature for operation | -10...185 °F                                                                                                           |
| Ambient air temperature for storage   | -10...185 °F                                                                                                           |
| Protective treatment                  | Corrosion resistant gray paint                                                                                         |

## Ordering and shipping details

|                       |                                        |
|-----------------------|----------------------------------------|
| Category              | 21497 - 9007 FT,T OILTIGHT AND FOUNDRY |
| Discount Schedule     | DS1                                    |
| GTIN                  | 00785901169116                         |
| Nbr. of units in pkg. | 1                                      |
| Package weight(Lbs)   | 2.5                                    |
| Returnability         | N                                      |
| Country of origin     | MX                                     |

## Offer Sustainability

|                                  |                                                                                                                           |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| RoHS (date code: YYWW)           | Will not be compliant                                                                                                     |
| REACH                            | Reference not containing SVHC above the threshold                                                                         |
| Product environmental profile    | Available                                                                                                                 |
| Product end of life instructions | Need no specific recycling operations                                                                                     |
| California proposition 65        | WARNING: This product can expose you to chemicals including:                                                              |
| - - - - - Substance 1            | Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and                               |
| - - - - - Substance 2            | Diisodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. |
| - - - - - More information       | For more information go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>                             |

## Contractual warranty

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

# Mouser Electronics

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