

# Product data sheet

Specifications



## Limit switch, 9007, 600 VAC 15amp aw +options

9007AW36

### Main

|                              |              |
|------------------------------|--------------|
| Range of product             | 9007         |
| Series name                  | Heavy duty   |
| Product or component type    | Limit switch |
| Device short name            | 9007AW       |
| Product specific application | Precision    |
| Body type                    | Plug-in      |

### Complementary

|                               |   |
|-------------------------------|---|
| Mounting mode                 | Surface mounting  |
| Operator profile              | Plunger head  |
| Material                      | Metal   |
| Body material                 | Cast zinc   |
| Operator material             | Cast zinc   |
| Fixing mode                   | By the body   |
| Movement of operating head    | Linear  |
| Type of operator              | Spring return roller plunger steel with micrometer adjustment |
| Switch actuation              | By 30° cam  |
| Type of approach              | Traverse approach, 2 directions                               |
| Electrical connection         | 1...2 cables for 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   |
| Contacts type and composition | NC-NO, switch function: SPDT-DB                               |
| Contact form                  | Form Z  |
| Contact operation             | Snap action   |
| Number of steps               | 1   |
| Contacts material             | Silver contacts   |
| Positive opening              | Without   |
| Terminals description ISO n°1 | (3-4)NO<br>(1-2)NC  |

|   |  |
|---|--|
| <b>Minimum force for tripping</b>                   | 3 lbf  |
| <b>Repeat accuracy</b>                              | +/- 0.001 in   |
| <b>[Ie] rated operational current</b>               | 5 A at 600 V AC, A600 conforming to NEMA rating designation<br>6 A at 480 V AC, A600 conforming to NEMA rating designation<br>10 A at 240 V AC, A600 conforming to NEMA rating designation<br>15 A at 120 V AC, A600 conforming to NEMA rating designation<br>0.02 A at 600 V DC<br>0.2 A at 250 V DC<br>0.5 A at 125 V DC |
| <b>[Ithe] conventional enclosed thermal current</b> | 15 A   |
| <b>[Ui] rated insulation voltage</b>                | 600 V (pollution degree 3) conforming to UL 508 for contact block<br>600 V conforming to CSA C22.2 No 14 for contact block   |
| <b>Width</b>  | 64.26 mm   |
| <b>Height</b>                                       | 93.47 mm   |
| <b>Depth</b>  | 36.58 mm   |
| <b>Net weight</b>                                   | 0.57 kg  |

## Environment

|  |  |
|--|--|
| <b>NEMA degree of protection</b>             | NEMA 1 conforming to Nema type 250<br>NEMA 2 conforming to Nema type 250<br>NEMA 4 conforming to Nema type 250<br>NEMA 12 conforming to Nema type 250<br>NEMA 13 conforming to Nema type 250 |
| <b>IP degree of protection</b>               | IP65 conforming to IEC 60529   |
| <b>Ambient air temperature for operation</b> | -18...85 °C  |
| <b>Ambient air temperature for storage</b>   | -18...85 °C  |
| <b>Protective treatment</b>                  | Epoxy powder coat  |

## Packing Units

|                                     |           |
|-------------------------------------|-----------|
| <b>Unit Type of Package 1</b>       | PCE       |
| <b>Number of Units in Package 1</b> | 1         |
| <b>Package 1 Height</b>             | 7.112 cm  |
| <b>Package 1 Width</b>              | 13.208 cm |
| <b>Package 1 Length</b>             | 4.318 cm  |
| <b>Package 1 Weight</b>             | 566.991 g |
| <b>Unit Type of Package 2</b>       | CAR       |
| <b>Number of Units in Package 2</b> | 10        |
| <b>Package 2 Height</b>             | 15.748 cm |
| <b>Package 2 Width</b>              | 18.796 cm |
| <b>Package 2 Length</b>             | 19.812 cm |
| <b>Package 2 Weight</b>             | 5.693 kg  |

## Offer Sustainability

|                                  |   |
|----------------------------------|---|
| <b>REACH Regulation</b>          | <a href="#">REACH Declaration</a>   |
| <b>EU RoHS Directive</b>         | Not applicable, out of EU RoHS legal scope  |
| <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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Warranty 18 months

Recommended replacement(s)