



### 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                    | Fixed        |

### Complementary

|  |   |
|--|---|
| Mounting Mode                                | Surface mounting standard box   |
| Operator profile                             | Rotary head   |
| Material                                     | Metal   |
| Body Material                                | Cast zinc   |
| Operator material                            | Cast zinc   |
| Fixing Mode                                  | By the body   |
| Movement of operating head                   | Rotary  |
| Type of operator                             | Spring return without operating lever cast zinc   |
| Switch actuation                             | From left convertible to right<br>CCW convertible to CW   |
| Type of approach                             | Lateral approach, 1 direction programmable  |
| Electrical connection                        | 1...2 screw-clamp terminals AWG 22...AWG 12)  |
| Cable entry                                  | 1 entry for 1/2" - 14 NPT ANSI B1.20.1  |
| Number of poles                              | 1   |
| Contacts type and composition                | NC-NO 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                | (1-2)NC<br>(3-4)NO  |
| Minimum torque for tripping                  | 2.75 lbf.in (0.31 N.m)  |
| Tripping angle                               | 5 °   |
| Maximum displacement angle                   | 30 °  |
| Maximum actuation speed                      | 130 Ft/Min with 30° cam angle, levers only<br>90 ft/min with 45° cam angle, levers only   |
| Repeat accuracy                              | +/- 0.002 in linear travel of cam on 1.38 in long lever arm   |
| [Ie] rated operational current               | 5 A 600 V AC, A600 NEMA rating designation<br>6 A 480 V AC, A600 NEMA rating designation<br>10 A 240 V AC, A600 NEMA rating designation<br>15 A 120 V AC, A600 NEMA rating designation<br>0.02 A 600 V DC<br>0.2 A 250 V DC<br>0.5 A 125 V DC |
| [Ithe] conventional enclosed thermal current | 15 A  |

|                               |  |
|-------------------------------|--|
| [Ui] rated insulation voltage | 600 V 3)UL 508 contact block<br>600 VCSA C22.2 No 14 contact block |
| Width                         | 2.69 in (68.33 mm)   |
| Height                        | 3.68 in (93.47 mm)   |
| Depth                         | 1.44 in (36.58 mm)   |
| Product Weight                | 1.25 lb(US) (0.57 kg)  |

## Environment

|                                       |  |
|---------------------------------------|--|
| 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               | IP65 conforming to IEC 60529   |
| Ambient Air Temperature for Operation | -65...185 °F (-54...85 °C)   |
| Ambient Air Temperature for Storage   | -65...185 °F (-54...85 °C)   |
| Protective treatment                  | Epoxy powder coat  |

## Ordering and shipping details

|                   |  |
|-------------------|--|
| Category          | 21496-9007 AW PRECISION LIMIT SWITCHES |
| Discount Schedule | DS1                                    |
| GTIN              | 785901807629                           |
| Returnability     | Yes                                    |
| Country of origin | MX                                     |

## Packing Units

|                              |                    |
|------------------------------|--------------------|
| Unit Type of Package 1       | PCE                |
| Number of Units in Package 1 | 1                  |
| Package 1 Height             | 1.69 in (4.3 cm)   |
| Package 1 Width              | 2.80 in (7.1 cm)   |
| Package 1 Length             | 5.20 in (13.2 cm)  |
| Package 1 Weight             | 16.64 oz (471.7 g) |

## Offer Sustainability

|                            |   |
|----------------------------|---|
| Sustainable offer status   | Green Premium product   |
| 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          | Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>  |
| Mercury free               | Yes   |
| RoHS exemption information | <a href="#">Yes</a>   |
| Environmental Disclosure   | <a href="#">Product Environmental Profile</a>   |

## Contractual warranty

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