



### 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                                | Open type                                                                                                                                                                                                                                                                                             |
| 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 cables for screw-clamp terminals (AWG 22...AWG 12)                                                                                                                                                                                                                                              |
| 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                                                                                                                                                                                                                                                                                    |
| Minimum torque for tripping                  | 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 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>0.1 A at 250 V DC<br>0.25 A at 125 V DC |
| [Ithe] conventional enclosed thermal current | 15 A                                                                                                                                                                                                                                                                                                  |
| [Ui] rated insulation voltage                | 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                                                                                                                                                                            |
| Width                                        | 57.91 mm                                                                                                                                                                                                                                                                                              |

|            |          |
|------------|----------|
| Height     | 88.14 mm |
| Depth      | 35.05 mm |
| Net weight | 0.05 kg  |

## Environment

|                                       |                                    |
|---------------------------------------|------------------------------------|
| NEMA degree of protection             | NEMA 1 conforming to Nema type 250 |
| IP degree of protection               | IP20 conforming to IEC 60529       |
| Ambient air temperature for operation | 0...185 °F                         |
| Ambient air temperature for storage   | 0...185 °F                         |
| Protective treatment                  | Epoxy powder coat                  |

## Packing Units

|                              |           |
|------------------------------|-----------|
| Unit Type of Package 1       | PCE       |
| Number of Units in Package 1 | 1         |
| Package 1 Height             | 4.064 cm  |
| Package 1 Width              | 7.112 cm  |
| Package 1 Length             | 10.668 cm |
| Package 1 Weight             | 244.94 g  |

## 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 Diisodecyl 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> |
| For all Reach Rohs enquiries contact us at | <a href="mailto:sustainability@tesensors.com">sustainability@tesensors.com</a>                                                                                                                                                                                                                                                                                                   |

## Contractual warranty

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