



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 | 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 | CCW convertible to CW From left convertible to right |
| Type of approach | Lateral approach, 1 direction programmable |
| 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 | (1-2)NC (3-4)NO |
| 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 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 6 A at 480 V AC, A600 conforming to NEMA rating designation 10 A at 240 V AC, A600 conforming to NEMA rating designation 15 A at 120 V AC, A600 conforming to NEMA rating designation 0.02 A at 600 V DC 0.2 A at 250 V DC 0.5 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 600 V conforming to CSA C22.2 No 14 for contact block |

| | |
|------------|----------|
| Width | 76.2 mm |
| Height | 93.47 mm |
| Depth | 36.58 mm |
| Net weight | 0.57 kg |


Environment

| | |
|---------------------------------------|--|
| NEMA degree of protection | NEMA 1 conforming to Nema type 250 NEMA 2 conforming to Nema type 250 NEMA 4 conforming to Nema type 250 NEMA 12 conforming to Nema type 250 NEMA 13 conforming to Nema type 250 |
| IP degree of protection | IP65 conforming to IEC 60529 |
| Ambient air temperature for operation | -65...185 °F |
| Ambient air temperature for storage | -65...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 | 19.355 cm |
| Package 1 Width | 7.62 cm |
| Package 1 Length | 49.161 cm |
| Package 1 Weight | 566.991 g |

Offer Sustainability

| | |
|--|---|
| Sustainable offer status | Green Premium product |
| Environmental Disclosure |  Product Environmental Profile |
| Circularity Profile | No need of specific recycling operations |
| 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 www.P65Warnings.ca.gov |
| For all Reach Rohs enquiries contact us at | sustainability@tesensors.com |

Contractual warranty

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