

Product data sheet

Characteristics

9007AW46

Limit switch, 9007AW, heavy duty industrial, precision, 15A at 120VAC, 1NO/1NC, push rod plunger, plug in, NEMA 4, 13



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 push rod plunger steel with micrometer adjustment |
| Switch actuation | On end |
| Type of approach | Vertical approach, 1 direction |
| 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 (3-4)NO |
| Minimum force for tripping | 3 lbf |
| Repeat accuracy | +/- 0.001 in |
| [Ie] rated operational current | 5 A 600 V AC, A600 NEMA rating designation 6 A 480 V AC, A600 NEMA rating designation 10 A 240 V AC, A600 NEMA rating designation 15 A 120 V AC, A600 NEMA rating designation 0.02 A 600 V DC 0.2 A 250 V DC 0.5 A 125 V DC |
| [Ithe] conventional enclosed thermal current | 15 A |
| [Ui] rated insulation voltage | 600 V 3)UL 508 contact block 600 VCSA C22.2 No 14 contact block |
| Width | 2.53 in (64.26 mm) |
| Height | 3.68 in (93.47 mm) |

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|------------|-----------------------|
| Depth | 1.44 in (36.58 mm) |
| Net Weight | 1.25 lb(US) (0.57 kg) |

Environment

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|---------------------------------------|--|
| NEMA degree of protection | NEMA 1 Nema type 250 NEMA 2 Nema type 250 NEMA 4 Nema type 250 NEMA 12 Nema type 250 NEMA 13 Nema type 250 |
| IP degree of protection | IP65 conforming to IEC 60529 |
| Ambient air temperature for operation | 0...185 °F (-18...85 °C) |
| Ambient Air Temperature for Storage | 0...185 °F (-18...85 °C) |
| Protective treatment | Epoxy powder coat |

Ordering and shipping details

| | |
|-----------------------|--|
| Category | 21496 - 9007 AW PRECISION LIMIT SWITCHES |
| Discount Schedule | DS1 |
| GTIN | 785901808602 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 19.52 oz (553.383 g) |
| Returnability | No |
| Country of origin | MX |

Packing Units

| | |
|------------------------|---------------------|
| Unit Type of Package 1 | PCE |
| Package 1 Height | 1.70 in (4.318 cm) |
| Package 1 width | 2.80 in (7.112 cm) |
| Package 1 Length | 5.20 in (13.208 cm) |

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 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 |
| REACH Regulation | REACH Declaration |
| EU RoHS Directive | Not applicable, out of EU RoHS legal scope |
| Environmental Disclosure | Product Environmental Profile |

Contractual warranty

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