



# THE DATASHEET OF SR2B201FU

# 9007C54A2Y247

NEMA limit switch, 9007C, heavy duty, standard, spring return lever, low differential, 10A, 600V, 1NO/1NC, NEMA 4, 13



## Main

|                               |                                                                            |
|-------------------------------|----------------------------------------------------------------------------|
| Range of Product              | 9007                                                                       |
| Series name                   | Heavy duty                                                                 |
| Product or Component Type     | Limit switch                                                               |
| Product Specific Application  | Standard box                                                               |
| Device short name             | 9007C                                                                      |
| Body type                     | Plug-in                                                                    |
| Head type                     | Rotary head                                                                |
| Material                      | Metal                                                                      |
| Fixing Mode                   | By the body                                                                |
| Movement of operating head    | Rotary                                                                     |
| Type of operator              | Zinc spring return without operating lever low differential)L100/300 lever |
| Switch actuation              | From left and right<br>CW and CCW                                          |
| Type of approach              | Lateral approach, 1 or 2 programmable direction                            |
| Electrical connection         | Screw-clamp terminals AWG 22...AWG 12), 1...2                              |
| Cable entry                   | 1 entry for 1/2" - 14 NPT ANSI B1.20.1                                     |
| Number of poles               | 1                                                                          |
| Contacts type and composition | NC-NO                                                                      |
| Contact operation             | Snap action                                                                |
| Positive opening              | Without                                                                    |
| Sale per indivisible quantity | 1                                                                          |

## Complementary

|                                              |                                                                                         |
|----------------------------------------------|-----------------------------------------------------------------------------------------|
| Body Material                                | Zinc                                                                                    |
| Head material                                | Zinc                                                                                    |
| Function Available                           | -                                                                                       |
| Switch Function                              | SPDT-DB                                                                                 |
| Contact form                                 | Form Z                                                                                  |
| Contacts material                            | Silver contacts                                                                         |
| Terminals description ISO n°1                | (3-4)NO<br>(1-2)NC                                                                      |
| Minimum torque for tripping                  | 4 lbf.in (0.45 N.m)                                                                     |
| Maximum actuation speed                      | 90 Ft/Min with 45° cam angle, levers only<br>130 ft/min with 30° cam angle, levers only |
| Tripping angle                               | 5 °                                                                                     |
| Maximum displacement angle                   | 90 °                                                                                    |
| Repeat accuracy                              | +/- 0.001 in linear travel of cam                                                       |
| [Ie] rated operational current               | 1.2 A 600 V AC, A600 NEMA<br>0.1 A 600 V DC, Q600 NEMA                                  |
| [Ithe] conventional enclosed thermal current | 10 A                                                                                    |
| [Ui] rated insulation voltage                | 600 V 3)UL 508 contact block<br>600 V 3)CSA C22.2 No 14 contact block                   |

|                                        |                                                                |
|----------------------------------------|----------------------------------------------------------------|
| [Uimp] rated impulse withstand voltage | 2.5 KV AC 1 min CE<br>2.2 KV AC 1 min UL<br>2.64 kV AC 1 s CSA |
| Short-circuit protection               | 10 A CC non-time delay                                         |
| Electrical durability                  | 1000000 cycles                                                 |
| Local signalling                       | without                                                        |
| Mechanical durability                  | 10000000 cycles                                                |
| Width                                  | 1.55 in (39.37 mm)                                             |
| Height                                 | 4.02 in (102.11 mm)                                            |
| Depth                                  | 2.5 in (63.50 mm)                                              |
| Net Weight                             | 1.25 lb(US) (0.57 kg)                                          |

## Environment

|                                       |                                                                                                                                                                         |
|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Shock resistance                      | 60 gn 9 ms IEC 60068-2-27                                                                                                                                               |
| Vibration resistance                  | 25 gn 10...150 Hz)IEC 60068-2-6                                                                                                                                         |
| NEMA degree of protection             | NEMA 1 Nema type 250<br>NEMA 2 Nema type 250<br>NEMA 4 Nema type 250<br>NEMA 6 Nema type 250<br>NEMA 6P Nema type 250<br>NEMA 12 Nema type 250<br>NEMA 13 Nema type 250 |
| IP degree of protection               | IP67 conforming to IEC 60529                                                                                                                                            |
| Electrical shock protection class     | Class 0 IEC 61140                                                                                                                                                       |
| Ambient air temperature for operation | -20...185 °F (-29...85 °C) standard environment                                                                                                                         |
| Ambient Air Temperature for Storage   | -20...185 °F (-29...85 °C)                                                                                                                                              |
| Environmental characteristic          | Standard environment                                                                                                                                                    |
| Protective treatment                  | Epoxy powder coat                                                                                                                                                       |

## Ordering and shipping details

|                       |                               |
|-----------------------|-------------------------------|
| Category              | 21499 - 9007 C LIMIT SWITCHES |
| Discount Schedule     | DS1                           |
| GTIN                  | 785901045861                  |
| Nbr. of units in pkg. | 1                             |
| Package weight(Lbs)   | 20.00 oz (566.99 g)           |
| Returnability         | No                            |
| Country of origin     | MX                            |

## Packing Units

|                        |                      |
|------------------------|----------------------|
| Unit Type of Package 1 | PCE                  |
| Package 1 Height       | 10.16 in (25.806 cm) |
| Package 1 width        | 4.00 in (10.16 cm)   |
| Package 1 Length       | 25.81 in (65.548 cm) |

## 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 |
|----------|-----------|

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