

## PRODUCT-DETAILS

# LS20P14B11-U01

## LS20P14B11-U01 Limit Switch



### General Information

|                       |                                                                                                                                                                                                                                                                                             |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | LS20P14B11-U01                                                                                                                                                                                                                                                                              |
| Product ID            | 1SBV015914R3801                                                                                                                                                                                                                                                                             |
| EAN                   | 3471522640512                                                                                                                                                                                                                                                                               |
| Catalog Description   | LS20P14B11-U01 Limit Switch                                                                                                                                                                                                                                                                 |
| Long Description      | LS20P14B11-U01 is a 30 mm wide, compact Limit Switch made of fiber-glass reinforced UL-V0 material, with 2 mounting holes at the top, a prewired UL62 - PVC cable (1 m) on the side, plain steel plunger actuator with dust protective cup and 1 N.O + 1 N.C snap action (Zb type) contacts |

### Ordering

|                        |               |
|------------------------|---------------|
| EAN                    | 3471522640512 |
| Minimum Order Quantity | 1 piece       |
| Customs Tariff Number  | 85364900      |

### Dimensions

|                            |          |
|----------------------------|----------|
| Product Net Width          | 30 mm    |
| Product Net Height         | 70 mm    |
| Product Net Depth / Length | 16 mm    |
| Product Net Weight         | 0.128 kg |

## Container Information

|                                |               |
|--------------------------------|---------------|
| Package Level 1 Units          | bag 1 piece   |
| Package Level 1 Width          | 16 mm         |
| Package Level 1 Height         | 70 mm         |
| Package Level 1 Depth / Length | 30 mm         |
| Package Level 1 Gross Weight   | 0.137 kg      |
| Package Level 1 EAN            | 3471522640512 |
| Package Level 2 Units          | 1 piece       |
| Package Level 2 Gross Weight   | 0.13 kg       |

## Environmental

|                         |                                                                 |
|-------------------------|-----------------------------------------------------------------|
| Ambient Air Temperature | Operation -25 ... +70 °C<br>Storage -40 ... +70 °C              |
| RoHS Status             | Following EU Directive 2002/95/EC August 18, 2005 and amendment |

## Safety Information

|            |                        |
|------------|------------------------|
| B10d Value | 20 Millions operations |
|------------|------------------------|

## Additional Information

|                                                    |                                                                                  |
|----------------------------------------------------|----------------------------------------------------------------------------------|
| Conventional Free-air Thermal Current ( $I_{th}$ ) | acc. to IEC 60947-5-1, q = 40 °C 10 A                                            |
| Degree of Protection                               | acc. to IEC 60529 IP67                                                           |
| Maximum Electrical Switching Frequency             | (AC-15) 3600 cycles per hour<br>(DC-13) 3600 cycles per hour                     |
| Mechanical Durability                              | 10 million                                                                       |
| Order Multiple                                     | 1 piece                                                                          |
| Product Main Type                                  | LS20                                                                             |
| Product Name                                       | Limit Switch                                                                     |
| Rated Impulse Withstand Voltage ( $U_{imp}$ )      | 4 kV                                                                             |
| Rated Insulation Voltage ( $U_i$ )                 | acc. to IEC 60947-5-1 and VDE 0110 (Gr. C) 400 V                                 |
| Rated Operational Current AC-15 ( $I_e$ )          | (24 V) 10 A<br>(130 V) 5.5 A<br>(240 V) 3 A                                      |
| Rated Operational Current DC-13 ( $I_e$ )          | (24 V) 2.8 A<br>(125 V) 0.55 A<br>(250 V) 0.27 A                                 |
| RoHS Date                                          | 20171115                                                                         |
| Standards                                          | IEC 60947-1, IEC 60947-5-1, EN 60947-1, EN 60947-5-1, UL 508 and CSA C22 -2 N°14 |

## Certificates and Declarations (Document Number)

|                                   |                     |
|-----------------------------------|---------------------|
| CQC Certificate                   | CQC2004010305127663 |
| cUL Certificate                   | 9AKK107991A7379     |
| Data Sheet, Technical Information | 1SBC141157C0202     |
| Declaration of Conformity - CCC   | 2020980305001785    |
| Declaration of                    | 1SBD250883U1000     |

|                          |                 |
|--------------------------|-----------------|
| Conformity - CE          |                 |
| Instructions and Manuals | 1SBC141157C0202 |
| RoHS Information         | 1SBD250883U1000 |

**Classifications**

|               |                                                            |
|---------------|------------------------------------------------------------|
| ETIM 4        | EC001829 - Position switch modular                         |
| ETIM 5        | EC001829 - Position switch modular                         |
| ETIM 6        | EC000030 - End switch                                      |
| ETIM 7        | EC000030 - End switch                                      |
| UNSPSC        | 39121500                                                   |
| WEEE Category | 5. Small Equipment (No External Dimension More Than 50 cm) |

**Categories**

Low Voltage Products and Systems → Control Products → Sensors → Limit Switches

