



Representative Image

**Catalog No. 1SBV013113R1302****Description: LS45M13L02 Limit Switch****UPC No 3471522612748****Home > Controls & Protective Relays > Limit Switches****Descriptors**

|          |                |
|----------|----------------|
| Category | Limit Switches |
|----------|----------------|

**Specifications**

|                                                            |                                                                              |
|------------------------------------------------------------|------------------------------------------------------------------------------|
| Product Main Type                                          | LS40                                                                         |
| Number and Type of Bottom Cable Glands                     | 1/2 NPT cable gland                                                          |
| Number of Auxiliary Contacts NC                            | 2                                                                            |
| Action Type of the Contact Element (acc. to IEC 60947-5-1) | Simultaneous slow action contacts                                            |
| Ambient Air Temperature                                    | Operation -25 ... +70 °C<br>Storage -30 ... +80 °C                           |
| Resistance to Vibrations acc. to IEC 60068-2-6             | 25g (10 to 500 Hz) no change in position of contacts greater than 100 µs     |
| Resistance to Shock acc. to IEC 60068-2-27                 | Half-sine Pulse for 11 ms, No Change in Contact Position 50 m/s <sup>2</sup> |
| RoHS Status                                                | Following EU Directive 2011/65/EU                                            |
| Pilot Duty of Contact Elements acc. UL508                  | A600/Q600                                                                    |
| Actuator Type                                              | stainless steel roller plunger                                               |
| Actuating Force                                            | Minimum Force acc. to IEC 60947-5-1 16 NEW                                   |
| Actuation Speed                                            | acc. to IEC 60947-5-1 Max. 0.50 MTS<br>acc. to IEC 60947-5-1 Min. 0.06 MTS   |

**Dimensions**

|                    |          |
|--------------------|----------|
| Product Net Width  | 40 mm    |
| Product Net Weight | 0.245 kg |

**Package Information**

|                                |               |
|--------------------------------|---------------|
| Package Level 1 Units          | 1 piece       |
| Package Level 1 Width          | 120 mm        |
| Package Level 1 Height         | 45 mm         |
| Package Level 1 Depth / Length | 45 mm         |
| Package Level 1 Gross Weight   | 0.24 kg       |
| Package Level 1 EAN            | 3471522612748 |
| Package Level 2 Units          | 5 piece       |
| Package Level 2 Gross Weight   | 1.2 kg        |

**by ABB**

## Ordering

|                          |                           |
|--------------------------|---------------------------|
| Minimum Order Quantity   | 10                        |
| Customs Tariff Number    | 85364900                  |
| Angular Head Adjustment  | adjustable head every 90° |
| Angular Lever Adjustment | none                      |