



**Electric Automation**  
Automation specialists

Reference: LS40P00B02  
Code: 1SBV010500R1202

LS40P00B02 Limit Switch

Buy it at Electric Automation Network



LS40P00B02 Limit Switch

## Ordering

|                         |               |
|-------------------------|---------------|
| EAN:                    | 3471522008527 |
| Minimum Order Quantity: | 10 piece      |
| Customs Tariff Number:  | 85369085      |

## Dimensions

|                     |          |
|---------------------|----------|
| Product Net Width:  | 40 mm    |
| Product Net Weight: | 0.108 kg |

## Container Information

|                        |               |
|------------------------|---------------|
| Package Level 1 Units: | 1 piece       |
| Package Level 1 EAN:   | 3471522008527 |

## Environmental

|   |   |
|---|---|
| Ambient Air Temperature:                        | Operation -25 ... +70 °C<br>Storage -30 ... +80 °C                              |
| Resistance to Shock acc. to IEC 60068-2-27:     | Half-sine Pulse for 11 ms, No Change in Contact Position<br>50 m/s <sup>2</sup> |
| Resistance to Vibrations acc. to IEC 60068-2-6: | 25g (10 to 500 Hz) no change in position of contacts<br>greater than 100 µs     |

## Technical UL/CSA

|  |              |
|--|--------------|
| Pilot Duty of Contact Elements acc. UL508: | A600<br>Q600 |
| Flammability According to UL94:            | V0           |

## Additional Information

|   |   |
|---|---|
| Action Type of the Contact Element (acc. to IEC 60947-5-1): | snap action contacts  |
| Actuation Speed:  | acc. to IEC 60947-5-1Min. 0.00 m/s  |
| Actuator Type:  | without operating head  |
| Angular Head Adjustment:                                    | without operating head  |
| Climatic Withstand:   | according to IEC 68-2-3 and salty mist according to IEC 68-2-11 when an operating head is fitted on |
| Connecting Capacity:  | AWG 20 ... AWG 14<br>0.5 ... 2.5 mm <sup>2</sup>  |
| Connecting terminals (delivered in open position):          | M3.5 (+,-) pozidriv 2 screw with cable clamp  |
| Consistency (Measured over 1 Million Operations):           | 0.1 mm  |
| Contact Element Form (acc. to IEC 60947-5-1):               | Zb  |
| Conventional Free-air Thermal Current ( $I_{th}$ ):         | acc. to IEC 60947-5-1, $q = 40\text{ °C}$ 10.0 A  |
| Electrical Shock Protection acc. to IEC 536:                | Double insulation - Class II  |
| IIT Publishing Status:                                      | Level 0 - Information enabled   |
| Load Factor:  | .5  |
| Maximum Electrical Switching Frequency:                     | 3600 cycles per hour  |
| Mechanical Durability:                                      | dependent on heads million  |
| Mounting by Screws (not supplied):                          | 2 or 4 x M5 screws  |
| Mounting Position:  | all positions are authorised  |
| Number and Type of Bottom Cable Glands:                     | Pg 13,5 Cable Gland   |
| Number of Auxiliary Contacts NC:                            | 2   |
| Positive Opening Operation of NC Contact(s):                | Yes   |
| Product Main Type:  | LS40  |
| Product Name:   | Limit Switch  |
| Rated Frequency (f):  | Supply Circuit 50 Hz<br>Supply Circuit 60 Hz  |
| Rated Impulse Withstand Voltage ( $U_{imp}$ ):              | 6 kV  |
| Rated Insulation Voltage ( $U_i$ ):                         | acc. to IEC 60947-5-1 and VDE 0110 (Gr. C) 690 V<br>acc. to UL/CSA 600 V                            |
| Rated Operational Current AC-15 ( $I_e$ ):                  | (130 V) 5.5 A<br>(230 V) 3.1 A<br>(240 V) 3 A<br>(24 V) 10 A<br>(400 V) 1.8 A                       |

|  |  |
|--|--|
| Rated Operational Current DC-13 ( $I_e$ ): | (110 V) 0.6 / 66 A<br>(24 V) 2.8 / 67.2 A<br>(250 V) 0.27 / 67.5 A                 |
| Resistance Between Contacts:               | 25 mΩ  |
| Standards:                                 | IEC 60947-1, IEC 60947-5-1, EN 60947-1, EN 60947-5-1,<br>UL 508 and CSA C22-2 N°14 |
| Terminal Marking:                          | according to EN 50013  |

## Certificates and Declarations (Document Number)

|                                    |                 |
|------------------------------------|-----------------|
| Data Sheet, Technical Information: | 1SBC141127C0201 |
| Declaration of Conformity - CE:    | 1SBD250881C2000 |

## Classifications

|         |                                    |
|---------|------------------------------------|
| ETIM 4: | EC001829 - Position switch modular |
| ETIM 5: | EC001829 - Position switch modular |