



 PRODUCT-DETAILS

LS30P13B11

LS30P13B11 Limit Switch



360°

General Information

Extended Product Type:	LS30P13B11
Product ID:	1SBV010213R1211
EAN:	3471522006677
Catalog Description:	LS30P13B11 Limit Switch
Long Description:	LS30P13B11 is a 30 mm wide, standard Limit Switch made of fiber-glass reinforced UL-V0 material, with 2 mounting holes at the top, 1 Pg13.5 cable entry on the bottom, plastic roller plunger actuator and 1 N.O + 1 N.C snap action (Zb type) contacts
Display Name:	LS30P13B11

Ordering

Minimum Order Quantity:	10 piece
Customs Tariff Number:	85364900

Popular Downloads

Data Sheet, Technical Information:	1SBC141157C0202
------------------------------------	-----------------

Instructions and Manuals: 1SBC141157C0202

Dimensions

Product Net Width:	30 mm
Product Net Height:	84 mm
Product Net Depth / Length:	30 mm
Product Net Weight:	0.064 kg

Technical

Action Type of the Contact Element (acc. to IEC 60947-5-1):	Snap Action Contacts
Actuating Force:	Minimum Force acc. to IEC 60947-5-1 12 N
Actuation Speed:	acc. to IEC 60947-5-1 Max. 0.3 m/s acc. to IEC 60947-5-1 Min. 0 m/s
Actuator Type:	plastic roller plunger
Angular Head Adjustment:	adjustable head every 90°
Angular Lever Adjustment:	none
B10d Value:	Operations 30 Millions
Climatic Withstand:	according to IEC 68-2-3 and Salty Mist according to IEC 68-2-11
Conventional Free-air Thermal Current (I_{th}):	acc. to IEC 60947-5-1, $\Theta = 40\text{ °C}$ 10 A
Connecting Capacity:	Bar AWG 20 ... AWG 14 mm ² Bar 0.5 ... 2.5 mm ²
Consistency (Measured over 1 Million Operations):	0.1 mm
Contact Element Form (acc. to IEC 60947-5-1):	Zb
Connecting Terminals (delivered in open position):	M3.5 (+,-) pozidriv 2 screw with cable clamp
Degree of Protection:	acc. to IEC 60529 IP65
Electrical Shock Protection acc. to IEC 536:	Double insulation - Class II
Flammability According to UL94:	V-0
Maximum Electrical Switching Frequency:	3600 cycles per hour (AC-15) 3600 cycles per hour (DC-13) 3600 cycles per hour
Mechanical Durability:	10 million
Mounting by Screws (not supplied) :	2 x M4 Screws
Movement to be Detected:	On end or 30° Cam Translation
Number of Auxiliary Contacts NC:	1
Number of Auxiliary Contacts NO:	1
Number and Type of Bottom Cable Glands:	Pg 13,5 Cable Gland
Operating Head Shape:	C shape acc. EN 50047
Pilot Duty UL/CSA:	A600 Q600

Positive Opening Operation Force (Direct Opening Action): Minimum Force acc. to IEC 60947-5-1 41

Positive Opening Operation of NC Contact(s): Yes

Rated Impulse Withstand Voltage (U_{imp}): 6 kV

Rated Operational Current AC-15 (I_e): (230 V AC) 3.1 A
(400 V) NC 4
(24 V) 10 A
(130 V) 5.5 A
(240 V) 3 A

Rated Frequency (f): Supply Circuit 50 / 60 Hz

Rated Insulation Voltage (U_i): acc. to IEC 60947-5-1 and VDE 0110 (Gr. C) 500 V
acc. to UL/CSA 600 V

Rated Operational Current DC-13 (I_e): (24 V) 6 A
(110 V) 0.6 A
(125 V) 0.55 A
(250 V) 0.4 A

Resistance Between Contacts: 25 ms

Short-Circuit Protective Devices: gG Type Fuses 10 A

Terminal Marking: according to EN 50013

Environmental

Ambient Air Temperature: Operation -25 ... +70 °C
Storage -30 ... +80 °C

Resistance to Shock acc. to IEC 60068-2-27: Half-sine Pulse for 11 ms, No Change in Contact Position 50 m/s²

Resistance to Vibrations: No Change in Position of Contacts Greater than 100 µs: 25g 10 ... 500 Hz

Material Compliance

Conflict Minerals Reporting Template (CMRT): 9AKK108467A5658

REACH Declaration: 1SBD251109E1001

RoHS Declaration: 1SBD251110E1000

RoHS Information: Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019

Toxic Substances Control Act - TSCA: 2CMT2023-006537

WEEE B2C / B2B: Business To Business

WEEE Category: 5. Small Equipment (No External Dimension More Than 50 cm)

ABB EcoSolutions

Environmental Product Declaration - EPD: No declaration needed

Certificates and Declarations

CQC Certificate: CQC2004010305127663

