

INDUSTRIAL COMPONENT DATA

1SBV012251R1211 ABB LS33P51B11 Limit Switch

Brand: ABB | Manufacturer Part Number: 1SBV012251R1211



Manufacturer	ABB
MPN / Reference	1SBV012251R1211
Catalog number	012251
Category	End switch
Minimum order	1 Pcs
Document ID	EO-79BE35C873
Generated	2026-08-03

Product Overview

LS33P51B11 Limit Switch

PAL. REG. C/ROLD. PLAST. DIAM.18

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path ABB > Detectors and limit switches > Limit FRCTLP

Additional Product Information

Ordering

Minimum Order Quantity 1 piece

Customs Tariff Number 85364900

Popular Downloads

Data Sheet, Technical Information 1SBC141160C0201

Instructions and Manuals 1SBC141160C0201

Dimensions

Product Net Width 30 mm

Product Net Height 98.5 mm

Product Net Depth / Length 45.5 mm

Product Net Weight 0.092 kg

Technical

Action Type of the Contact Element (acc. to IEC 60947-5-1) Snap Action Simultaneous

Actuator Type adjustable plastic roller lever (Ø18 mm)

B10d Value Operations 30 Millions

Conventional Free-air Thermal Current (I_{th}) acc. to IEC 60947-5-1, $\theta = 40\text{ °C}$ 10 A

Degree of Protection acc. to IEC 60529 IP65

Housing Material Plastic

Maximum Electrical Switching Frequency (AC-15) 3600 cycles per hour

(DC-13) 3600 cycles per hour

Maximum Mounted Auxiliary Contacts 1 NO, 1 NC

Mechanical Durability 10 million

Mounting Type 30 mm (EN 50047)

Number and Type of Bottom Cable Glands 1 x M20x1.5 - Bottom

Pilot Duty UL/CSA A600

Q600

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 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

Short-Circuit Protective Devices gG Type Fuses 10 A

Environmental

Ambient Air Temperature Operation -25 ... +70 °C

Storage -30 ... +80 °C

Material Compliance

Conflict Minerals Reporting Template (CMRT) 9AKK108467A5658

REACH D...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send ABB / 1SBV012251R1211 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.