

## INDUSTRIAL COMPONENT DATA

## LS33M12B02-R 1SBV023812R1202 ABB LS33M12B02-R Limit Switch

Brand: ABB | Manufacturer Part Number: LS33M12B02-R



|                 |                         |
|-----------------|-------------------------|
| Manufacturer    | ABB                     |
| MPN / Reference | LS33M12B02-R            |
| Catalog number  | 1SBV023812R1202         |
| Category        | Position switch modular |
| Minimum order   | 1 Pcs                   |
| Document ID     | EO-BE05CBF6E0           |
| Generated       | 2026-08-03              |

## Product Overview

LS33M12B02-R Limit Switch

## STRUCTURED PRODUCT DATA

## Technical Specifications

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

## Classification &amp; Catalog Path

Catalog path ABB &gt; Detectors and limit switches &gt; Limit FRCTLP

## Additional Product Information

## 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 86 mm

Product Net Depth / Length 33 mm

Product Net Weight 0.19 kg

## Technical

B10d Value Operations 30 Millions

Conventional Free-air Thermal Current (Ith) acc. to IEC 60947-5-1, ? = 40 °C 10 A

Degree of Protection acc. to IEC 60529 IP66

Maximum Electrical Switching Frequency (AC-15) 3600 cycles per hour  
(DC-13) 3600 cycles per hour  
Mechanical Durability 15 million  
Pilot Duty UL/CSA A600  
Q600  
Rated Impulse Withstand Voltage (Uimp) 6 kV  
Rated Operational Current AC-15 (Ie) (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 (Ui) acc. to IEC 60947-5-1 and VDE 0110 (Gr. C) 400 V  
acc. to UL/CSA 600 V  
Rated Operational Current DC-13 (Ie) (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 Declaration 1SBD251109E1001  
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  
Certificates...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send ABB / LS33M12B02-R with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://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.