

INDUSTRIAL COMPONENT DATA

LS31M80D11-S 1SBV031780R1411 ABB LS31M80D11-S Limit Switch

Brand: ABB | Manufacturer Part Number: LS31M80D11-S



Manufacturer	ABB
MPN / Reference	LS31M80D11-S
Catalog number	1SBV031780R1411
Category	Position switch modular
Minimum order	1 Pcs
Document ID	EO-74DAB420B8
Generated	2026-07-28

Product Overview

LS31M80D11-S Limit Switch

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 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 91 mm

Product Net Depth / Length 32 mm

Product Net Weight 0.177 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 0 cycle
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 a...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send ABB / LS31M80D11-S 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.