

INDUSTRIAL COMPONENT DATA

1SBL176201R2000 ABB AF16Z-40-00-20 12-20VDC Contactor

Brand: ABB | Manufacturer Part Number: 1SBL176201R2000



Manufacturer	ABB
MPN / Reference	1SBL176201R2000
Catalog number	176201
Category	Power contactor, AC switching
Minimum order	1 Pcs
Document ID	EO-8EEAFA2CFA
Generated	2026-08-02

Product Overview

AF16Z-40-00-20 12-20VDC Contactor
AF16Z-40-00 CONT.4P BOB 12-20Vdc

STRUCTURED PRODUCT DATA

Technical Specifications

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

Classification & Catalog Path

Catalog path **ABB > Contactors and overload relays > AF contactors to 38 A**

Additional Product Information

Ordering

Minimum Order Quantity 1 piece

Customs Tariff Number 85364900

Popular Downloads

EPLAN Data 9AAC159647_EPLAN

Data Sheet, Technical Information 1SBC100214C0202

Instructions and Manuals 1SBC101027M6801

Instructions and Manuals (Part 2) 1SAC200017M0002

CAD Dimensional Drawing 2CDC001079B0201

Dimensions

Product Net Width 45 mm

Product Net Depth / Length 77 mm

Product Net Height 86 mm

Product Net Weight 0.31 kg

Technical

Number of Main Contacts NO 4

Number of Main Contacts NC 0

Number of Auxiliary Contacts NO 0

Number of Auxiliary Contacts NC 0

Number of Poles 4P

Standards IEC/EN 60947-1, IEC/EN 60947-4-1, UL 60335-2-40 LZGH2 A2L, UL 60947-1, UL 60947-4-1, CSA C22.2 No. 60335-2-40 LZGH2 A2L, CAN/CSA C22.2 No.60947-1, CAN/CSA C22.2 No.60947-4-1

Rated Operational Voltage Main Circuit 690 V

Rated Frequency (f) Main Circuit 50 / 60 Hz

Conventional Free-air Thermal Current (I_{th}) acc. to IEC 60947-4-1, Open Contactors ? = 40 °C 35 A

Rated Operational Current AC-1 (I_e) (690 V) 40 °C 30 A

(690 V) 60 °C 30 A

(690 V) 70 °C 26 A

Rated Operational Current AC-3 (I_e) (415 V) 60 °C 18 A

(440 V) 60 °C 18 A

(500 V) 60 °C 15 A

(690 V) 60 °C 10.5 A

(380 / 400 V) 60 °C 18 A

(220 / 230 / 240 V) 60 °C 18 A

Rated Operational Current DC-1 (I_e) (110 V) 1-Pole, 40 °C 20 A

(110 V) 1-Pole, 60 °C 20 A

(110 V) 1-Pole, 70 °C 20 A

(110 V) 2 Poles in Series, 40 °C 30 A

(110 V) 2 Poles in Series, 60 °C 30 A

(110 V) 2 Poles in Series, 70 °C 26 A

(110 V) 3 Poles in Series, 40 °C 30 A

(110 V) 3 Poles in Seri...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send ABB / 1SBL176201R2000 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.