

INDUSTRIAL COMPONENT DATA

1SBL176005R2301 ABB AF16Z-30-01K-23 100-250V50/60HZ-DC

Brand: ABB | Manufacturer Part Number: 1SBL176005R2301



Manufacturer	ABB
MPN / Reference	1SBL176005R2301
Catalog number	176005
Category	Power contactor, AC switching
Minimum order	1 Pcs
Document ID	EO-5E944E7E8A
Generated	2026-08-02

Product Overview

AF16Z-30-01K-23 100-250V50/60HZ-DC
AF16Z-30-01K-23 100-250V50/60HZ-DC Contactor

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
--------------	--------------------------------------

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 1SBC101054M6801

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 92.3 mm

Product Net Weight 0.315 kg

Technical

Number of Main Contacts NO 3

Number of Main Contacts NC 0

Number of Auxiliary Contacts NO 0

Number of Auxiliary Contacts NC 1

Number of Poles 3P

Standards IEC/EN 60947-1, IEC/EN 60947-4-1, UL 60947-4-1, CSA C22.2 No. 60947-4-1

Rated Operational Voltage Auxiliary Circuit 690 V

Main Circuit 690 V

Rated Frequency (f) Auxiliary Circuit 50 / 60 Hz

Control Circuit 50 / 60 Hz

Main Circuit 50 / 60 Hz

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

acc. to IEC 60947-5-1, ? = 40 °C 16 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 AC-3e (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 AC-15 (I_e) (500 V) 2 A

(690 V) 2 A

(24 / 127 V) 6 A

(220 / 240 V) 4 A

(400 / ...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send ABB / 1SBL176005R2301 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.