

INDUSTRIAL COMPONENT DATA

1SBL177005R1201 ABB AF16-30-01K-12 48-130V50/60HZ-DC

Brand: ABB | Manufacturer Part Number: 1SBL177005R1201



Manufacturer	ABB
MPN / Reference	1SBL177005R1201
Catalog number	177005
Category	Power contactor, AC switching
Minimum order	1 Pcs
Document ID	EO-4DEC9028ED
Generated	2026-08-04

Product Overview

AF16-30-01K-12 48-130V50/60HZ-DC

AF16-30-01K-12 48-130V50/60HZ-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 0.285 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 / 1SBL177005R1201 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.