

INDUSTRIAL COMPONENT DATA

SK827044-DD ABB EK1000-40-21 CONT. 4P BOB. 48vdc

Brand: ABB | Manufacturer Part Number: SK827044-DD



Manufacturer	ABB
MPN / Reference	SK827044-DD
Catalog number	SK827044DD
Category	Power contactor, AC switching
Minimum order	1 Pcs
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Product Overview

EK1000-40-21 CONT. 4P BOB. 48vdc

EK1000-40-21 48V 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

Data Sheet, Technical Information 1SBC100214C0202

Instructions and Manuals 5309660-30

Dimensions

Product Net Width 296 mm

Product Net Depth / Length 225.5 mm

Product Net Height 272 mm

Product Net Weight 15.8 kg

Technical

Number of Main Contacts NO 4

Number of Main Contacts NC 0

Number of Auxiliary Contacts NO 2

Number of Auxiliary Contacts NC 1

Number of Poles 4P

Rated Operational Voltage Main Circuit 1000 V

Conventional Free-air Thermal Current (I_{th}) acc. to IEC 60947-4-1, Open Contactors ? = 40 °C 1000 A

Rated Operational Current AC-1 (I_e) (1000 V) 40 °C 1000 A

(1000 V) 60 °C 800 A

(1000 V) 70 °C 720 A

(690 V) 40 °C 1000 A

(690 V) 55 °C 800 A

(690 V) 60 °C 800 A

(690 V) 70 °C 720 A

Rated Insulation Voltage (U_i) acc. to IEC 60947-4-1 and VDE 0110 (Gr. C) 1000 V

Rated Impulse Withstand Voltage (U_{imp}) 8 kV

Maximum Electrical Switching Frequency (AC-1) 300 cycles per hour

Mechanical Durability 5 million

Maximum Mechanical Switching Frequency 3600 cycles per hour

Coil Operating Limits (acc. to IEC 60947-4-1) U_c (at ? ≤ 70 °C)

Rated Control Circuit Voltage (U_c) DC Operation 48 V

Coil Consumption Holding at Max. Rated Control Circuit Voltage 50 Hz 125 V·A

Holding at Max. Rated Control Circuit Voltage 60 Hz 140 V·A

Pull-in at Max. Rated Control Circuit Voltage 50 Hz 3500 V·A

Pull-in at Max. Rated Control Circuit Voltage 60 Hz 4000 V·A

Power Loss 20 W

at Rated Operating Conditions per Pole 80 W...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send ABB / SK827044-DD 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

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