

INDUSTRIAL COMPONENT DATA

SK827044-DE ABB EK1000-40-21 CONT. 4P, 1000A BOB. 110Vcc

Brand: ABB | Manufacturer Part Number: SK827044-DE



Manufacturer	ABB
MPN / Reference	SK827044-DE
Catalog number	SK827044DE
Category	Power contactor, AC switching
Minimum order	1 Pcs
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Product Overview

EK1000-40-21 CONT. 4P, 1000A BOB. 110Vcc

EK1000-40-11 110V 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 270 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 1

Number of Auxiliary Contacts NC 1

Number of Poles 4P

Rated Operational Voltage Main Circuit 1000 V

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

Rated Operational Current AC-1 (Ie) (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 Short-time Withstand Current Low Voltage (Icw) at 40 °C Ambient Temp, in Free Air, from a Cold State 10 s 6400 A

at 40 °C Ambient Temp, in Free Air, from a Cold State 15 min 1200 A

at 40 °C Ambient Temp, in Free Air, from a Cold State 1 min 3400 A

at 40 °C Ambient Temp, in Free Air, from a Cold State 1 s 6800 A

at 40 °C Ambient Temp, in Free Air, from a Cold State 30 s 4400 A

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

Rated Impulse Withstand Voltage (Uimp) 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) Uc (...)

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send ABB / SK827044-DE 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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