

## INDUSTRIAL COMPONENT DATA

## SK827044-AL ABB EK1000-40-11 CONT. 4P BOB. 230V 50Hz

Brand: ABB | Manufacturer Part Number: SK827044-AL



|                 |                               |
|-----------------|-------------------------------|
| Manufacturer    | ABB                           |
| MPN / Reference | SK827044-AL                   |
| Catalog number  | SK827044AL                    |
| Category        | Power contactor, AC switching |
| Minimum order   | 1 Pcs                         |
| Document ID     | EO-10397BA4CD                 |
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## Product Overview

EK1000-40-11 CONT. 4P BOB. 230V 50Hz

EK1000-40-11 220-230V 50Hz / 240V 60Hz Contactor

## STRUCTURED PRODUCT DATA

## Technical Specifications

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

## Classification &amp; Catalog Path

Catalog path ABB &gt; 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 (I<sub>th</sub>) acc. to IEC 60947-4-1, Open Contactors ? = 40 °C 1000 A

Rated Operational Current AC-1 (I<sub>e</sub>) (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 (I<sub>cw</sub>) 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 (U<sub>i</sub>) acc. to IEC 60947-4-1 and VDE 0110 (Gr. C) 1000 V

Rated Impulse Withstand Voltage (U<sub>imp</sub>) 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<sub>c</sub> (...)

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send ABB / SK827044-AL with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://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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