

INDUSTRIAL COMPONENT DATA

SK827041-WE ABB EK550-40-21 4P BOB CONTACTOR. 77-143Vdc.c

Brand: ABB | Manufacturer Part Number: SK827041-WE



Manufacturer	ABB
MPN / Reference	SK827041-WE
Catalog number	827041
Category	Power contactor, AC switching
Minimum order	1 Pcs
Document ID	EO-51FC47E3BB
Generated	2026-08-03

Product Overview

EK550-40-21 4P BOB CONTACTOR. 77-143Vdc.c

EK550-40-21 77-143V 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 15.5 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 800 A

Rated Operational Current AC-1 (I_e) (1000 V) 40 °C 800 A

(1000 V) 60 °C 650 A

(1000 V) 70 °C 575 A

(690 V) 40 °C 800 A

(690 V) 55 °C 650 A

(690 V) 60 °C 650 A

(690 V) 70 °C 575 A

Rated Operational Current AC-3 (I_e) (440 V) 55 °C 550 A

(500 V) 55 °C 550 A

(690 V) 55 °C 550 A

(1000 V) 55 °C 175 A

(380 / 400 V) 55 °C 550 A

(220 / 230 / 240 V) 55 °C 550 A

Rated Operational Power AC-3 (P_e) (415 V) 315 kW

(440 V) 315 kW

(500 V) 400 kW

(690 V) 500 kW

(1000 V) 35 kW

(380 / 400 V) 280 kW

(220 / 230 / 240 V) 160 kW

Rated Breaking Capacity AC-3 8 x I_e AC-3

Rated Making Capacity AC-3 10 x I_e AC-3

Short-Circuit Protective Devices gG Type Fuses 1.5 ... 1.8 I_n A

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

acc. to UL/CSA 600 V

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

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

(AC-2 / AC-4) 120 cycles per hour...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send ABB / SK827041-WE 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.