

INDUSTRIAL COMPONENT DATA

1SBN010040R1231 ABB CA5-31N Auxiliary Contact Block

Brand: ABB | Manufacturer Part Number: 1SBN010040R1231



Manufacturer	ABB
MPN / Reference	1SBN010040R1231
Catalog number	010040
Category	Auxiliary contact block
Minimum order	1 Pcs
Document ID	EO-949CB78A51
Generated	2026-07-28

Product Overview

CA5-31N Auxiliary Contact Block
CA5-31N AUX Contact. for cont.

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 > "A" FRCTLP
--------------	---

Additional Product Information

Ordering

Minimum Order Quantity 2 piece

Customs Tariff Number 85389099

Popular Downloads

Data Sheet, Technical Information 1SBC100214C0202

Instructions and Manuals 1SBC101012M5501

CAD Dimensional Drawing 2CDC001079B0201

Dimensions

Product Net Width 43 mm

Product Net Depth / Length 39 mm

Product Net Height 47 mm

Product Net Weight 0.06 kg

Technical

Number of Auxiliary Contacts NO 3

Number of Auxiliary Contacts NC 1

Number of Poles 4P
Rated Operational Voltage Auxiliary Circuit 690 V
Rated Frequency (f) Auxiliary Circuit 50 / 60 Hz
Rated Operational Current AC-15 (Ie) (500 V) 2 A
(690 V) 2 A
(24 / 127 V) 6 A
(220 / 240 V) 4 A
(380 / 400 V) 3 A
Rated Operational Current DC-13 (Ie) (24 V) 6 A / 144 W
(48 V) 2.8 A / 134 W
(72 V) 1 A / 72 W
(110 V) 0.55 A / 60 W
(125 V) 0.55 A / 69 W
(220 V) 0.30 A / 66 W
(250 V) 0.3 / 75 W
Short-Circuit Protective Devices Auxiliary Circuit - gG Type Fuses 10 A
Rated Short-time Withstand Current Low Voltage (Icw) for 0.1 s 140 A
for 1 s 100 A
Rated Insulation Voltage (Ui) acc. to IEC 60947-5-1 690 V
acc. to UL/CSA 600 V
Maximum Electrical Switching Frequency 1200 cycles per hour
Mechanical Durability 10 million
Maximum Mechanical Switching Frequency 3600 cycles per hour
Minimum Switching Capacity N 17 / 5 VLT4K
Power Loss at Rated Operating Conditions per Pole 0.1 W
Degree of Protection acc. to IEC 60529, IEC 60947-1, EN 60529 Auxiliary Terminals IP20
Terminal Type Screw Terminals
Suitable For N22E
N31E
N40E
NL22E
NL31E
NL40E
TNL22E
TNL31E
TNL40E....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send ABB / 1SBN010040R1231 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.