

INDUSTRIAL COMPONENT DATA

**1SBH901074R8031 ABB NX31E-80 220-230V50Hz
230-240V60Hz**

Brand: ABB | Manufacturer Part Number: 1SBH901074R8031



Manufacturer	ABB
MPN / Reference	1SBH901074R8031
Catalog number	901074
Category	Contactor relay
Minimum order	1 Pcs
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Product Overview

NX31E-80 220-230V50Hz 230-240V60Hz

NX31E-80 220-230V50Hz/230-240V60Hz Contactor relay

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

EPLAN Data 9AAC178845_EPLAN

Data Sheet, Technical Information 1SBC100187L0203

Instructions and Manuals No

CAD Dimensional Drawing 2CDC001079B0201

Dimensions

Product Net Width 44 mm

Product Net Depth / Length 74 mm

Product Net Height 74 mm

Product Net Weight 0.315 kg

Technical

Number of Auxiliary Contacts NO 3
Number of Auxiliary Contacts NC 1
Rated Operational Voltage Auxiliary Circuit 690 V
Main Circuit 690 V
Rated Frequency (f) Auxiliary Circuit 50 / 60 Hz
Main Circuit 50 / 60 Hz
Conventional Free-air Thermal Current (Ith) acc. to IEC 60947-5-1, $\theta = 40\text{ °C}$ 16 A
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
(400 / 440 V) 2 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) 0.30 A / 75 W
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 and VDE 0110 (Gr. C) 690 V
Rated Impulse Withstand Voltage (Uimp) Auxiliary Circuit 6 kV
Maximum Electrical Switching Frequency (AC-15) 1200 cycles per hour
(DC-13) 900 cycles per hour
Maximum Mechanical Switching Frequency 6000 cycles per hour
Rated Control Circuit Voltage (Uc) 50 Hz 220 ... 230 V
60 Hz 230 ... 240 V
Operate Time Between Coil De-energization and NC Contact Closing 9

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send ABB / 1SBH901074R8031 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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