

INDUSTRIAL COMPONENT DATA

1SBH136001R2031 ABB NFZ31E-20 12-20VDC Contactor Relay

Brand: ABB | Manufacturer Part Number: 1SBH136001R2031



Manufacturer	ABB
MPN / Reference	1SBH136001R2031
Catalog number	136001
Category	Contactor relay
Minimum order	1 Pcs
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Product Overview

NFZ31E-20 12-20VDC Contactor Relay

NFZ31E CONT. AUX. BOB. 12-20Vdc

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 > AF contactors to 38 A

Additional Product Information

Ordering

Minimum Order Quantity 1 piece

Customs Tariff Number 85364900

Popular Downloads

EPLAN Data 9AAC159655_EPLAN

Data Sheet, Technical Information 1SBC100214C0202

Instructions and Manuals 1SBC101027M6801

Instructions and Manuals (Part 2) 1SAC200017M0002

CAD Dimensional Drawing 2CDC001079B0201

Dimensions

Product Net Width 45 mm

Product Net Depth / Length 77 mm

Product Net Height 86 mm

Product Net Weight 0.31 kg

Technical

Number of Auxiliary Contacts NO 3

Number of Auxiliary Contacts NC 1

Number of Poles 4P

Standards IEC/EN 60947-1, IEC/EN 60947-5-1, UL 60335-2-40 LZGH2 A2L, UL 508, CSA C22.2 No. 60335-2-40 LZGH2 A2L, CSA C22.2 No. 14-13

Rated Operational Voltage Auxiliary Circuit 690 V

Rated Frequency (f) Auxiliary Circuit 50 / 60 Hz

Conventional Free-air Thermal Current (I_{th}) acc. to IEC 60947-5-1, $\theta = 40^\circ\text{C}$ 16 ARated Operational Current AC-15 (I_e) (500 V) 2 A

(690 V) 2 A

(24 / 127 V) 6 A

(220 / 240 V) 4 A

(400 / 440 V) 3 A

Rated Operational Current DC-13 (I_e) (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) 0.27 A / 60 W

(250 V) 0.27 A / 68 W

(400 V) 0.15 A / 60 W

(500 V) 0.13 A / 65 W

(600 V) 0.1 A / 60 W

Rated Short-time Withstand Current Low Voltage (I_{cw}) for 0.1 s 140 A
for 1 s 100 ARated Insulation Voltage (U_i) acc. to IEC 60947-5-1 690 V
acc. to UL/CSA 600 VRated Impulse Withstand Voltage (U_{imp}) 6 kV

Maximum Electrical Switching Frequency (AC-15) 1200 cycles per hour

(DC-13) 900 cycles per hour

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REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send ABB / 1SBH136001R2031 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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