

INDUSTRIAL COMPONENT DATA

1SBH137001R1231 ABB NF31E-12 48-130V50/60HZ-DC Contactor Relay

Brand: ABB | Manufacturer Part Number: 1SBH137001R1231



Manufacturer	ABB
MPN / Reference	1SBH137001R1231
Catalog number	137001
Category	Contactor relay
Minimum order	1 Pcs
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Product Overview

NF31E-12 48-130V50/60HZ-DC Contactor Relay

NF31E CONT. AUX. BOB. 48-130VAC-dc

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

Instructions and Manuals 1SBC101027M6801

CAD Dimensional Drawing 2CDC001079B0201

Dimensions

Product Net Width 45 mm

Product Net Depth / Length 77 mm

Product Net Height 86 mm

Product Net Weight 0.27 kg

Technical

Number of Auxiliary Contacts NO 3

Number of Auxiliary Contacts NC 1

Standards IEC/EN 60947-1, IEC/EN 60947-5-1, UL 508, CSA C22.2 No. 14-13
Rated Operational Voltage Auxiliary Circuit 690 V
Rated Frequency (f) Auxiliary Circuit 50 / 60 Hz
Control Circuit 50 / 60 Hz
Conventional Free-air Thermal Current (I_{th}) acc. to IEC 60947-5-1, $\theta = 40\text{ °C}$ 16 A
Rated 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 Short-time Withstand Current Low Voltage (I_{cw}) for 0.1 s 140 A
for 1 s 100 A
Maximum Electrical Switching Frequency (AC-15) 1200 cycles per hour
(DC-13) 900 cycles per hour
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 Insulation Voltage (U_i) acc. to IEC 60947-5-1 690 V
acc. to UL/CSA 600 V
Rated Impulse Withstand Voltage (U_{imp}) 6 kV
Maximum Mechanical Switching Frequency 6000 cycles per hour
Rated Control Circuit Voltage (U_c) 50 Hz 48 ... 130 V
60 Hz 48 ... 130 V
DC Operation 48 ... 130 V
Operate Time Between Coil De...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send ABB / 1SBH137001R1231 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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