

## INDUSTRIAL COMPONENT DATA

# 1SBH137001R1253 ABB NF53E-12 48-130V50/60HZ-DC Contactor Relay

Brand: ABB | Manufacturer Part Number: 1SBH137001R1253



|                 |                 |
|-----------------|-----------------|
| Manufacturer    | ABB             |
| MPN / Reference | 1SBH137001R1253 |
| Catalog number  | 137001          |
| Category        | Contactor relay |
| Minimum order   | 1 Pcs           |
| Document ID     | EO-8650DFEFD4   |
| Generated       | 2026-08-04      |

## Product Overview

NF53E-12 48-130V50/60HZ-DC Contactor Relay

NF53E 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 &gt; Contactors and overload relays &gt; 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 110.5 mm

Product Net Height 86 mm

Product Net Weight 0.32 kg

**Technical**

Number of Auxiliary Contacts NO 5

Number of Auxiliary Contacts NC 3

Number of Poles 8P

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

Control Circuit 50 / 60 Hz

Conventional Free-air Thermal Current (I<sub>th</sub>) acc. to IEC 60947-5-1,  $\theta = 40\text{ °C}$  16 ARated Operational Current AC-15 (I<sub>e</sub>) (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<sub>e</sub>) (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<sub>cw</sub>) for 0.1 s 140 A  
for 1 s 100 ARated Insulation Voltage (U<sub>i</sub>) acc. to IEC 60947-5-1 690 V

acc. to UL/CSA 600 V

Rated Impulse Withstand Voltage (U<sub>imp</sub>) 6 kV

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

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**REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW**

Send ABB / 1SBH137001R1253 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://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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