

**INDUSTRIAL COMPONENT DATA**

# 1SBH131001R8140 ABB NFC40E-81 Contactor

Brand: ABB | Manufacturer Part Number: 1SBH131001R8140



|                 |                 |
|-----------------|-----------------|
| Manufacturer    | ABB             |
| MPN / Reference | 1SBH131001R8140 |
| Catalog number  | 131001          |
| Category        | Contactor relay |
| Minimum order   | 1 Pcs           |
| Document ID     | EO-A89F1B99D6   |
| Generated       | 2026-08-02      |

## Product Overview

NFC40E-81 Contactor  
NFC40E-81 24V 50/60Hz 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**

Data Sheet, Technical Information 1SBC100219C0201  
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 0.309 kg

**Technical**

Number of Main Contacts NC 0

Number of Auxiliary Contacts NO 4

Number of Auxiliary Contacts NC 0

Number of Poles 4P

Standards IEC/EN 60947-1, IEC/EN 60947-5-1, UL 60947-1, UL 60947-5-1, CSA C22.2 No. 60947-1-13, CSA C22.2 No. 60947-5-1-14

Rated Operational Voltage Auxiliary Circuit 690 V

Rated Frequency (f) Auxiliary Circuit 50 / 60 Hz

Control Circuit 50 / 60 Hz

Main Circuit 50 / 60 Hz

Conventional Free-air Thermal Current (I<sub>th</sub>) acc. to IEC 60947-5-1,  $\theta = 40\text{ °C}$  16 A

Rated 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 A

Rated 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-1) 0 cycles per....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send ABB / 1SBH131001R8140 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

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.