

## INDUSTRIAL COMPONENT DATA

# 1SAZ431201R1001 ABB TF140DU-90 Thermal Overload Relay

Brand: ABB | Manufacturer Part Number: 1SAZ431201R1001



|                 |                        |
|-----------------|------------------------|
| Manufacturer    | ABB                    |
| MPN / Reference | 1SAZ431201R1001        |
| Catalog number  | 431201                 |
| Category        | Thermal overload relay |
| Minimum order   | 1 Pcs                  |
| Document ID     | EO-FC733FA8A2          |
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## Product Overview

TF140DU-90 Thermal Overload Relay

TF140DU-90 OVERCAR THERMAL RELAY. 66-90A

TF140DU-90 Thermal Overload Relay 66 ... 90 A

## 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; Thermal Relays

## Additional Product Information

## Ordering

Minimum Order Quantity 1 piece

Customs Tariff Number 85364900

## Popular Downloads

Data Sheet, Technical Information 2CDC106061D0201

Instructions and Manuals 2CDC106050M6802

Instructions and Manuals (Part 2) 1SAC200017M0002

Time-Current Characteristic Curve 1SAZ400503F0001

CAD Dimensional Drawing 2CDC001079B0201

Dimension Diagram 1SAZ400404F0001

## Dimensions

Product Net Width 89 mm

Product Net Height 140 mm

Product Net Depth / Length 126 mm

Product Net Weight 0.82 kg

Technical

Setting Range 66 ... 90 A

Rated Operational Voltage Auxiliary Circuit 440 V DC

Auxiliary Circuit 500 V AC

Main Circuit 690 V AC

Main Circuit 440 V DC

Rated Operational Current (Ie) 90 A

Rated Frequency (f) Auxiliary Circuit 50 Hz

Auxiliary Circuit 60 Hz

Auxiliary Circuit DC

Main Circuit 60 Hz

Main Circuit 50 Hz

Main Circuit DC

Rated Impulse Withstand Voltage (Uimp) Auxiliary Circuit 6 kV

Main Circuit 8 kV

Rated Insulation Voltage (Ui) 690 V

Number of Poles 3P

Number of Auxiliary Contacts NC 1

Number of Auxiliary Contacts NO 1

Number of Protected Poles 3

Conventional Free-air Thermal Current (Ith) Auxiliary Circuit NC 10 A

Auxiliary Circuit NO 6 A

Rated Operational Current AC-15 (Ie) (120 V) NC 3 A

(120 V) NO 1.5 A

(240 V) NC 3 A

(240 V) NO 1.2 A

(400 V) NC 0.75 A

(400 V) NO 0.37 A

(440 V) NC 0.75 A

(440 V) NO 0.37 A

(500 V) NC 0.3 A

(500 V) NO 0.25 A

Rated Operational Current DC-13 (Ie) (125 V) NC 0.25 A

(125 V) NO 0.25 A

(24 V) NC 1.25 A

(24 V) NO 1.25 A

(250 V) NC 0.12 A

(250 V) NO 0.04 A

(60 V)....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send ABB / 1SAZ431201R1001 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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