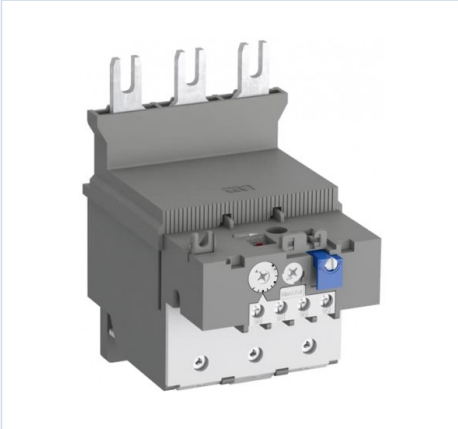


INDUSTRIAL COMPONENT DATA

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
Generated	2026-08-02

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 > Contactors and overload relays > Thermal Relays
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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 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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