

INDUSTRIAL COMPONENT DATA

1SBN020312R1000 ABB TEF5-ON Frontal Electronic Timer

Brand: ABB | Manufacturer Part Number: 1SBN020312R1000



Manufacturer	ABB
MPN / Reference	1SBN020312R1000
Catalog number	020312
Category	Accessories/spare parts for low-voltage switch technology
Minimum order	1 Pcs
Document ID	EO-4F97AC7E01
Generated	2026-07-30

Product Overview

TEF5-ON Frontal Electronic Timer

TEF5-ON TEMPO ELECT. FRONT FOR CONT. To

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 > "A" Classic Range

Additional Product Information

Ordering

Minimum Order Quantity 1 piece

Customs Tariff Number 85389091

Popular Downloads

Data Sheet, Technical Information 1SBC100214C0202

Instructions and Manuals 1SBC101034M6801

CAD Dimensional Drawing 2CDC001079B0201

Dimensions

Product Net Width 44 mm

Product Net Depth / Length 62.5 mm

Product Net Height 40.5 mm

Product Net Weight 0.065 kg

Technical

Number of Auxiliary Contacts NO 1

Number of Auxiliary Contacts NC 1

Number of Poles 2P

Standards IEC/EN 60947-5-1, UL 508, CSA C22-2 No. 14-18

Rated Operational Voltage Auxiliary Circuit 240 V AC

Rated Frequency (f) Auxiliary Circuit 50 / 60 Hz

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

Rated Operational Current AC-15 (I_e) (24 / 127 V) 3 A

(220 / 240 V) 1.5 A

Rated Operational Current DC-13 (I_e) (24 V) 1 A / 24 W

Rated Short-time Withstand Current Low Voltage (I_{cw}) for 0.1 s 8 A

for 1 s 8 A

Rated Insulation Voltage (U_i) acc. to IEC 60947-5-1 400 V

acc. to UL/CSA 300 V

Rated Impulse Withstand Voltage (U_{imp}) 4 kV

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

(DC-13) 900 cycles per hour

Maximum Mechanical Switching Frequency 3600 cycles per hour

Power Loss at 3 A per Pole 0.1 W

Degree of Protection acc. to IEC 60529, IEC 60947-1, EN 60529 Auxiliary Terminals IP20

Tightening Torque Auxiliary Circuit 1 N·m

Terminal Type Screw Terminals

Timer Relay Type ON-Delay

Suitable For GA75

GAE75

UA16

UA26

UA30

UA50

UA63

UA75

AX06

AX09

AX12

AX18

AX25

AX32

AX40

AX50

AX65

AX80

Product N...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send ABB / 1SBN020312R1000 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

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.