

# TEF5-ON



Products → Low Voltage Products and Systems → Control Products → Contactors → Block Contactors Accessories

## General Information

<b>Extended Product Type:</b>	TEF5-ON
<b>Product ID:</b>	1SBN020312R1000
<b>EAN:</b>	3471522387103
<b>Catalog Description:</b>	TEF5-ON Frontal Electronic Timer
<b>Long Description:</b>	TEF5-ON Frontal Electronic Timer

## Ordering

<b>EAN:</b>	3471522387103
<b>Minimum Order Quantity:</b>	1 piece
<b>Customs Tariff Number:</b>	85389091

## Dimensions

<b>Product Net Weight:</b>	0.065 kg
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## Container Information

<b>Package Level 1 Units:</b>	1 piece
<b>Package Level 1 Width:</b>	82 mm
<b>Package Level 1 Height:</b>	51 mm
<b>Package Level 1 Length:</b>	56 mm
<b>Package Level 1 Gross Weight:</b>	0.065 kg
<b>Package Level 1 EAN:</b>	3471522387103
<b>Package Level 2 Units:</b>	80 piece
<b>Package Level 2 Width:</b>	254 mm
<b>Package Level 2 Height:</b>	200 mm
<b>Package Level 2 Length:</b>	319 mm
<b>Package Level 2 Gross Weight:</b>	5.2 kg
<b>Product Packing Type:</b>	Box
<b>Packing Type:</b>	Box

## Environmental

<b>Ambient Air Temperature:</b>	Close to Contactor for Storage -40 ... +80 °C Near Contactor for Operation in Free Air -25 ... +70 °C
<b>Maximum Operating Altitude Permissible:</b>	2000 m

## Technical UL/CSA

**Tightening Torque UL/CSA:** Auxiliary Circuit 9 in·lb

## Additional Information

<b>Climatic Withstand:</b>	Category B according to IEC 60947-1 Annex Q
<b>Conventional Free-air Thermal Current (<math>I_{th}</math>):</b>	acc. to IEC 60947-5-1, $q = 40 \text{ }^\circ\text{C}$ 5 A
<b>Degree of Protection:</b>	acc. to IEC 60529, IEC 60947-1, EN 60529 Auxiliary Terminals IP20
<b>Maximum Electrical Switching Frequency:</b>	AC-15 1200 cycles per hour DC-13 900 cycles per hour
<b>Maximum Mechanical Switching Frequency:</b>	3600 cycles per hour
<b>Mounting Position:</b>	Acc. to mounting positions permitted on contactors or contactor relays With AL, TAL contactors or NL, TNL contactor relays: mounting position 5 not permitted.
<b>Number of Auxiliary Contacts NC:</b>	1
<b>Number of Auxiliary Contacts NO:</b>	1
<b>Order Multiple:</b>	1 piece
<b>Product Main Type:</b>	Accessories for Block Contactors
<b>Product Name:</b>	Electronic Timer
<b>Rated Frequency (f):</b>	Auxiliary Circuit 50 / 60 Hz
<b>Rated Impulse Withstand Voltage (<math>U_{imp}</math>):</b>	4 kV
<b>Rated Insulation Voltage (<math>U_i</math>):</b>	acc. to UL/CSA 300 V acc. to IEC 60947-5-1 and VDE 0110 (Gr. C) 400 V
<b>Rated Operational Current AC-15 (<math>I_e</math>):</b>	(220 / 240 V) 1.5 A (24 / 127 V) 3 A
<b>Rated Operational Current DC-13 (<math>I_e</math>):</b>	(24 V) 1 A / 24 A
<b>Rated Short-time Withstand Current (<math>I_{cw}</math>):</b>	for 0.1 s 8 A for 1 s 8 A
<b>Suitable For:</b>	AX06 AX09 AX12 AX18 AX25 AX32 AX40 AX50 AX65 AX80
<b>Terminal Type:</b>	Screw Terminals
<b>Tightening Torque:</b>	Auxiliary Circuit 1 N·m

Timer Relay Type: ON-Delay

## Certificates and Declarations (Document Number)

CB Certificate:	CB_CN_24746
CCC Certificate:	CCC_2012010303572179
Declaration of Conformity - CE:	1SBD250812U1000
Instructions and Manuals:	1SBC101034M6801
UL Certificate:	UL_20120717_E252354
UL Listing Card:	UL_E252354

## Classifications

Object Classification Code:	K
UNSPSC:	39121500

