

# TEF4-OFF



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

## General Information

<b>Extended Product Type:</b>	TEF4-OFF
<b>Product ID:</b>	1SBN020114R1000
<b>EAN:</b>	3471523130654
<b>Catalog Description:</b>	TEF4-OFF Frontal Electronic Timer
<b>Long Description:</b>	TEF4-OFF Frontal Electronic Timer

## Ordering

<b>EAN:</b>	3471523130654
<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>	3471523130654
<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

Resistance to Vibrations acc. to IEC 60068-2-6: 5 ... 300 Hz 3 g Closed position / 2 g Open position

## Technical UL/CSA

Tightening Torque UL/CSA: Auxiliary Circuit 11 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, $q = 40\text{ °C}$ 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>	1800 cycles per hour
<b>Mounting Position:</b>	Mounting positions 1, 1 +/- 30°, 2, 3, 4, 5
<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

**Suitable For:** AF09  
AF12  
AF16  
AF26  
AF30  
AF38  
AF40  
AF52  
AF65  
AF80  
AF96  
NF

**Terminal Type:** Screw Terminals

**Tightening Torque:** Auxiliary Circuit 1.2 N·m

**Timer Relay Type:** OFF-Delay

### Certificates and Declarations (Document Number)

**CB Certificate:** CB\_CN\_24746

**CCC Certificate:** CCC\_2012010303572179

**Data Sheet, Technical Information:** 1SBC100173C0201

**Declaration of Conformity - CE:** 1SBD250008U1000

**Environmental Information:** 1SBD250192E1000

**Instructions and Manuals:** 1SBC101026M6801

**UL Certificate:** UL\_20120717\_E252354

**UL Listing Card:** UL\_E252354

### Classifications

**E-number:** 3210257

**ETIM 4:** EC002498 - Accessories for low-voltage switch technology

**ETIM 5:** EC002498 - Accessories for low-voltage switch technology

**ETIM 6:** EC002060 - Timer block

**Object Classification Code:** K

**UNSPSC:** 39121500



