

PRODUCT-DETAILS

TEF3-OFF

TEF3-OFF Frontal Electronic Timer



General Information

Extended Product Type	TEF3-OFF
Product ID	1SBN021014R1000
EAN	3471523095090
Catalog Description	TEF3-OFF Frontal Electronic Timer
Long Description	TEF3-OFF Frontal Electronic Timer

Ordering

EAN	3471523095090
Minimum Order Quantity	1 piece
Customs Tariff Number	85389091

Dimensions

Product Net Width	44.5 mm
Product Net Height	78 mm
Product Net Depth / Length	44.4 mm
Product Net Weight	0.065 kg

Container Information

Package Level 1 Units	1 piece
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Package Level 1 Width	86 mm
Package Level 1 Height	52 mm
Package Level 1 Depth / Length	61 mm
Package Level 1 Gross Weight	0.065 kg
Package Level 1 EAN	3471523095090
Package Level 2 Units	180 piece
Package Level 2 Width	430 mm
Package Level 2 Height	250 mm
Package Level 2 Depth / Length	520 mm
Package Level 2 Gross Weight	11.7 kg

Environmental

Ambient Air Temperature	Close to Contactor for Storage -40 ... +80 °C Near Contactor for Operation in Free Air -25 ... +70 °C
Maximum Operating Altitude Permissible	2000 m
Resistance to Vibrations acc. to IEC 60068-2-6	5 ... 300 Hz 3 g Closed position / 2 g Open position
Resistance to Shock acc. to IEC 60068-2-27	Shock Direction: A 20 g Shock Direction: B1 20 g Shock Direction: B2 20 g Shock Direction: C1 20 g Shock Direction: C2 20 g

Technical UL/CSA

Tightening Torque UL/CSA	Auxiliary Circuit 9 in-lb
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Additional Information

Climatic Withstand	Category B according to IEC 60947-1 Annex Q
Connecting Capacity Auxiliary Circuit	Flexible with Ferrule 1/2x 0.75 ... 2.5 mm ² Flexible with Insulated Ferrule 1x 0.75 ... 2.5 mm ² Flexible with Insulated Ferrule 2x 0.75 ... 1.5 mm ² Rigid 1/2x 0.75 ... 2.5 mm ²
Conventional Free-air Thermal Current (I _{th})	acc. to IEC 60947-5-1, q = 40 °C 5 A
Degree of Protection	acc. to IEC 60529, IEC 60947-1, EN 60529 Auxiliary Terminals IP20
Maximum Electrical Switching Frequency	AC-15 1200 cycles per hour DC-13 900 cycles per hour
Maximum Mechanical Switching Frequency	1800 cycles per hour
Number of Auxiliary Contacts NC	1
Number of Auxiliary Contacts NO	1
Order Multiple	1 piece
Product Main Type	Accessories for Block Contactors
Product Name	Electronic Timer
Rated Control Circuit Voltage (U _c)	50 Hz 24 ... 240 V 60 Hz 24 ... 240 V DC Operation 24 ... 240 V
Rated Frequency (f)	Auxiliary Circuit 50 / 60 Hz
Rated Impulse Withstand Voltage (U _{imp})	4 kV

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Rated Insulation Voltage (U _i)	acc. to UL/CSA 300 V acc. to IEC 60947-5-1 and VDE 0110 (Gr. C) 400 V
Rated Operational Current AC-15 (I _e)	(24 / 127 V) 3 A
Rated Operational Current DC-13 (I _e)	(24 V) 1 A / 24 W
Rated Operational Voltage	Auxiliary Circuit 240 V
Rated Short-time Withstand Current (I _{cw})	for 0.1 s 8 A for 1 s 8 A
Standards	IEC 60947-5-1 and EN 60947-5-1, UL 508, CSA C22.2 N°14
Suitable For	AS09 AS12 AS16 ASL09 ASL12 ASL16 VAS09 VAS12 VAS16 VASL09 VASL12 VASL16
Terminal Type	Screw Terminals
Tightening Torque	Auxiliary Circuit 1 N·m
Timer Relay Type	OFF-Delay

Certificates and Declarations (Document Number)

CB Certificate	CB_FR_612833
Data Sheet, Technical Information	1SBC100173C0201
Declaration of Conformity - CE	1SBD250018U1000
Environmental Information	1SBD250175E1000
Instructions and Manuals	1SBC101024M6801
UL Certificate	UL_20120402-E252354
UL Listing Card	UL_E252354

Classifications

ETIM 4	EC002498 - Accessories for low-voltage switch technology
ETIM 5	EC002498 - Accessories for low-voltage switch technology
ETIM 6	EC002060 - Timer block
ETIM 7	EC002060 - Timer block
Object Classification Code	K
UNSPSC	39121523
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
IDEA Granular Category Code (IGCC)	4746 >> Timer controls

Categories

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

