



PRODUCT-DETAILS

TEF5-ON

TEF5-ON Frontal Electronic Timer

General Information

Extended Product Type	TEF5-ON
Product ID	1SBN020312R1000
EAN	3471522387103
Catalog Description	TEF5-ON Frontal Electronic Timer
Long Description	TEF5-ON Frontal Electronic Timer

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85389091
Product Main Type	Accessories for Block Contactors

Popular Downloads

Instructions and Manuals	1SBC101034M6801
CAD Dimensional Drawing	2CDC001079B0201

Dimensions

Product Net Width	44 mm
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Product Net Depth / Length	62.5 mm
Product Net Height	40.5 mm
Product Net Weight	0.065 kg

Technical

Maximum Electrical Switching Frequency	(AC-15) 1200 cycles per hour (DC-13) 900 cycles per hour
Maximum Mechanical Switching Frequency	3600 cycles per hour
Mounting Position	Acc. to mounting positions permitted on contactors or contactor relays With AL, TAL contactors or NL, TNL contactor relays: mounting position 5 not permitted.
Number of Auxiliary Contacts NC	1
Number of Auxiliary Contacts NO	1
Number of Poles	2
Rated Frequency (f)	Auxiliary Circuit 50 / 60 Hz
Rated Impulse Withstand Voltage (U_{imp})	4 kV
Rated Insulation Voltage (U_i)	acc. to IEC 60947-5-1 400 V acc. to UL/CSA 300 V
Rated Operational Current AC-15 (I_{θ})	(24 / 127 V) 3 A (220 / 240 V) 1.5 A
Rated Operational Current DC-13 (I_{θ})	(24 V) 1 A / 24 W
Rated Operational Voltage	Auxiliary Circuit 240 V AC
Rated Short-time Withstand Current Low Voltage (I_{cw})	for 0.1 s 8 A for 1 s 8 A
Suitable For	GA75 GAE75 UA16 UA26 UA30 UA50 UA63 UA75 AX06 AX09 AX12 AX18 AX25 AX32 AX40 AX50 AX65 AX80
Terminal Type	Screw Terminals
Tightening Torque	Auxiliary Circuit 1 N·m
Timer Relay Type	ON-Delay

Technical UL/CSA

Tightening Torque UL/CSA	Auxiliary Circuit 9 in·lb
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Environmental

Ambient Air Temperature	Close to Contactor for Storage -40 ... +80 °C
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	Operation -25 ... +70 °C
Climatic Withstand	Category B according to IEC 60947-1 Annex Q
Conventional Free-air Thermal Current (I _{th})	acc. to IEC 60947-5-1, $\Theta = 40\text{ °C}$ 5 A
Degree of Protection	acc. to IEC 60529, IEC 60947-1, EN 60529 Auxiliary Terminals IP20
Maximum Operating Altitude Permissible	Without Derating 2000 m
RoHS Information	2CMT2021-006277
WEEE B2C / B2B	Business To Business
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

Certificates and Declarations (Document Number)

CB Certificate	CB_CN46281
CCC Certificate	CCC_2012010303572179
CQC Certificate	CQC2012010303572179
Declaration of Conformity - CCC	2020980303000172
Declaration of Conformity - CE	1SBD250812U1000
Declaration of Conformity - UKCA	1SBD250829U1000
Instructions and Manuals	1SBC101034M6801
REACH Declaration	2CMT2021-006202
RoHS Information	2CMT2021-006277
UL Certificate	UL-US-L252354-192-31702102-2 UL-CA-L252354-392-31702102-2
UL Listing Card	UL_E252354

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	82 mm
Package Level 1 Depth / Length	56 mm
Package Level 1 Height	51 mm
Package Level 1 Gross Weight	0.065 kg
Package Level 1 EAN	3471522387103
Package Level 2 Units	box 80 piece
Package Level 2 Width	254 mm
Package Level 2 Depth / Length	319 mm
Package Level 2 Height	200 mm
Package Level 2 Gross Weight	5.2 kg

Classifications

eClass	V11.0 : 27371308
E-Number (Finland)	2712547
ETIM 6	EC002498 - Accessories for low-voltage switch technology
ETIM 7	EC002498 - Accessories for low-voltage switch technology
ETIM 8	EC002498 - Accessories/spare parts for low-voltage switch technology

ETIM 9	EC002060 - Timer block
IDEA Granular Category Code (IGCC)	4746 >> Timer controls
Object Classification Code	K
UNSPSC	39121523

Categories

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