

PRODUCT-DETAILS

TAE75-40-00RT 17-32V DC

TAE75-40-00RT 17-32V DC Contactor



General Information

Extended Product Type	TAE75-40-00RT 17-32V DC
Product ID	1SBL419260R5100
EAN	3471522245014
Catalog Description	TAE75-40-00RT 17-32V DC Contactor

Long Description

TAE75 4-pole contactors are mainly used for controlling non-inductive or slightly inductive loads (i.e. resistance furnaces...) and generally for controlling power circuits up to 690 V AC and 440 V DC. The contactors can also be used for many other applications such lighting... The TAE..RT contactors are the Ring Tongue terminal version of the TAE... range. The TAE... series 4-pole contactors are of the block type design. - Main poles and auxiliary contact blocks: 4 N.O. main poles, front and side-mounted add-on auxiliary contact blocks - Control circuit: DC operated with standard double-winding DC coils (with add-on factory-mounted lagging contact for insertion of the "holding" winding). TAE... contactors offer a large coil voltage range - Accessories: a wide range of accessories is available.

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85364900

Popular Downloads

Data Sheet, Technical Information	1SNC001003C0202
Instructions and Manuals	FPTC407767P0002

Dimensions

Product Net Width	104 mm
Product Net Depth / Length	119.5 mm
Product Net Height	110 mm
Product Net Weight	1.43 kg

Technical

Number of Main Contacts NO	4
Number of Main Contacts NC	0
Number of Auxiliary Contacts NO	0
Number of Auxiliary Contacts NC	0
Rated Operational Voltage	Main Circuit 1000 V
Conventional Free-air Thermal Current (I_{th})	acc. to IEC 60947-4-1, Open Contactors $q = 40^\circ\text{C}$ 125 A
Rated Operational Current AC-1 (I_e)	(690 V) 55°C 105
Short-Circuit Protective Devices	gG Type Fuses 160 A
Rated Insulation Voltage (U_i)	acc. to IEC 60947-4-1 and VDE 0110 (Gr. C) 1000 V acc. to UL/CSA 600 V
Rated Impulse Withstand Voltage (U_{imp})	8 kV
Rated Control Circuit Voltage (U_c)	DC Operation 17 ... 32 V
Coil Consumption	Holding DC (U_{min} / U_{max}) 1.7 / 6.5 W Pull-in at Max. Rated Control Circuit Voltage DC 450 W Pull-in DC (U_{min} / U_{max}) 120 / 250 W
Operate Time	Between Coil De-energization and NC Contact Closing 8 ... 18 ms Between Coil De-energization and NO Contact Opening 5 ... 15 ms Between Coil Energization and NC Contact Opening 10 ... 27 ms Between Coil Energization and NO Contact Closing 30 ... 30 ms
Connecting Capacity Auxiliary Circuit	Solid 1 ... 4 mm ²
Degree of Protection	acc. to IEC 60529, IEC 60947-1, EN 60529 Auxiliary Terminals IP40
Terminal Type	Ring-Tongue Terminals

Environmental

Ambient Air Temperature	Close to Contactor for Storage $-60 \dots +80^\circ\text{C}$ Near Contactor for Operation in Free Air $-40 \dots +55^\circ\text{C}$
Climatic Withstand	acc. to IEC 60068-2-30 and 60068-2-11 - UTE C 63-100 specification II
Resistance to Shock acc. to IEC 60068-2-27	Closed, Shock Direction: B1 10 K40 Open, Shock Direction: B1 5 K40 Shock Direction: A 20 K40 Shock Direction: B2 15 K40 Shock Direction: C1 20 K40 Shock Direction: C2 20 K40
RoHS Status	Following EU Directive 2011/65/EU

Certificates and Declarations (Document Number)

Declaration of	1SBD250806U1000
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Conformity - CE	
Environmental Information	1SBD250025E1003
GOST Certificate	GOST_POCCFRME77B07175
Instructions and Manuals	FPTC407767P0002
RoHS Information	1SBD250806U1000

Container Information

Package Level 1 Units	1 piece
Package Level 1 Width	142 mm
Package Level 1 Depth / Length	190 mm
Package Level 1 Height	136 mm
Package Level 1 Gross Weight	1.43 kg
Package Level 1 EAN	3471522245014
Package Level 2 Units	box 8 piece
Package Level 2 Width	503 mm
Package Level 2 Depth / Length	153 mm
Package Level 2 Height	307 mm
Package Level 2 Gross Weight	11.44 kg
Package Level 3 Units	84 piece

Classifications

Object Classification Code	Q
ETIM 4	EC000066 - Magnet contactor, AC-switching
ETIM 5	EC000066 - Magnet contactor, AC-switching
ETIM 6	EC000066 - Power contactor, AC switching
ETIM 7	EC000066 - Power contactor, AC switching
eClass	V11.0 : 27371018
UNSPSC	39121529

Categories

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

