

PRODUCT-DETAILS

TA75DU-32M Thermal Overload Relays



General Information	
Extended Product Type	TA75DU-32M
Product ID	1SAZ321201R2002
EAN	4013614482632
Catalog Description	TA75DU-32M Thermal Overload Relays
	TA75DU-32M (22.0-32.0A) thermal overload relay is an economic electromechanical

Long Description

reset selectable, trip-free mechanism, STOP- and Test function and a trip indication. The overload relays are connected directly to the block contactors. Single mounting kits are available as accessory.

Ordering	
Minimum Order Quantity	1 piece
Customs Tariff Number	85364900

Popular Downloads	
Instructions and Manuals	2CDC106049M6802
Time-Current Characteristic Curve	1SAZ300501F0002
CAD Dimensional <u>Drawing</u>	2CDC001079B0201

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Dimensions	
Product Net Width	54 mm
Product Net Height	90 mm
Product Net Depth / Length	111 mm
Product Net Weight	0.335 kg

Technical	
Rated Operational Voltage	Main Circuit 690 V AC Main Circuit 440 V DC
Rated Operational Current (I_e)	32 A
Number of Poles	3
Number of Auxiliary Contacts NC	1
Number of Auxiliary Contacts NO	1
Number of Protected Poles	3
Conventional Free-air Thermal Current (I _{th})	Auxiliary Circuit NC 5 A Auxiliary Circuit NO 5 A
Rated Operational Current AC-15 (I _e)	(120 V) NC 3 A (120 V) NO 1.5 A (240 V) NC 3 A (240 V) NC 0.2 A (400 V) NC 0.75 A (400 V) NC 0.75 A (440 V) NC 0.75 A (440 V) NC 0.75 A (500 V) NC 0.3 A (500 V) NC 0.3 A
Degree of Protection	Housing IP20 Main Circuit Terminals IP20
Connecting Capacity Auxiliary Circuit	Flexible 1/2x 0.75 2.5 mm² Rigid 1/2x 0.75 4 mm²
Wire Stripping Length	Auxiliary Circuit 9 mm Main Circuit 14 mm
Recommended Screw Driver	Auxiliary Circuit Pozidriv 1 Main Circuit Pozidriv 2
Power Loss	at Rated Operating Conditions per Pole 1.4 3.0 W
Suitable For	AX50 AX65 AX80
Standards	CSA 22.2 No. 14 IEC/EN 60947-1 IEC/EN 60947-4-1 IEC/EN 60947-5-1 UL 508

Technical UL/CSA	
Maximum Operating Voltage UL/CSA	Main Circuit 600 V AC
Contact Rating UL/CSA	(NC:) B600 (NO:) C600
Connecting Capacity Main Circuit UL/CSA	Flexible 1/2x 8-1 AWG Stranded 1/2x 8-1 AWG
Connecting Capacity Auxiliary Circuit UL/CSA	Flexible 1/2x 18-14 AWG Stranded 1/2x 18-14 AWG
Tightening Torque UL/CSA	Auxiliary Circuit 12 in·lb Main Circuit 40 in·lb

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Ambient Air Temperature Operation 25+55 °C Operation Compressed 22 Operation Compressed 23 Resistance to Shock acc. 10 ISC 60068-2-27 RoHS Status Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 Material Compliance Conflict Almorats Reporting Tamplate (CMRT) ROHS IS 18 Status Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 Material Compliance Conflict Almorats Reporting Tamplate (CMRT) ROHS Information No declaration needed ROHS Information ROHS Information ROHS Information CEACH Declaration No declaration reeded ROHS Information ROHS Information CETHIF Cates and Declarations CE Certificates and Declarations CE Certificates and Declarations CB Certificates 1 SAA941004-2001 CC Coefficiate 1 SAA941000-2007 CC Certificates 1 SAA941000-2007 SAA	E. Mariana I.	
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Material Compliance		25g 2 shocks 13 ms
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eClass V11.0 : 27371501		EC000106 - Thermal overload relay
	eClass	V11.0 : 27371501

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UNSPSC	39121520
IDEA Granular Category Code (IGCC)	5364 >> Overload relay
E-Number (Finland)	3707429

Categories

 $\text{Low Voltage Products and Systems} \rightarrow \text{Control Products} \rightarrow \text{Contactors} \rightarrow \text{Thermal Overload Relays}$

