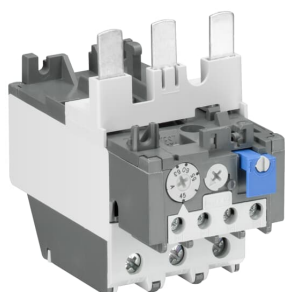


PRODUCT-DETAILS

TA75DU-42M

TA75DU-42M Thermal Overload Relays



General Information

Extended Product Type	TA75DU-42M
Product ID	1SAZ321201R2003
EAN	4013614482649
Catalog Description	TA75DU-42M Thermal Overload Relays
Long Description	TA75DU-42M (29.0-42.0A) thermal overload relay is an economic electromechanical protection device for the main circuit. It offers reliable and fast protection for motors in the event of overload or phase failure. The device has trip class 10A. Further features are the temperature compensation, trip contact (NC), signal contact (NO), automatic- or manual 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	1SAZ300501F0003

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 Current (I_e)	42 A
Conventional Free-air Thermal Current (I_{th})	Auxiliary Circuit NC 5 A Auxiliary Circuit NO 5 A
Degree of Protection	Housing IP20 Main Circuit Terminals IP20
Connecting Capacity Auxiliary Circuit	Flexible 1/2x 0.75 ... 2.5 mm ² Rigid 1/2x 0.75 ... 4 mm ²
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 1.5 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
Ampere Rating UL/CSA	42 A
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

Environmental

Ambient Air Temperature	Operation -25 ... +55 °C Operation Compensated -25 ... +55 °C Storage -40 ... +70 °C
Resistance to Shock acc. to IEC 60068-2-27	11 ms Pulse 12g
RoHS Status	Following EU Directive 2011/65/EU

Certificates and Declarations (Document Number)

CB Certificate	1SAA941014-2001
CCS Certificate	1SAA941000-0901
CQC Certificate	CQC2016010309922937
Declaration of	2020980304001322

Conformity - CCC

Declaration of Conformity - CE	1SAD938506-0186
EAC Certificate	1SAA941002-2701
Instructions and Manuals	2CDC106049M6802
RMRS Certificate	1SAA941000-0704
RoHS Information	1SAD938503-0186
Time-Current Characteristic Curve	1SAZ300501F0003

Container Information

Package Level 1 Units	1 piece
Package Level 1 Width	92 mm
Package Level 1 Height	109 mm
Package Level 1 Depth / Length	61 mm
Package Level 1 Gross Weight	0.36 kg
Package Level 1 EAN	4013614482649
Package Level 2 Units	25 piece
Package Level 2 Width	230 mm
Package Level 2 Height	310 mm
Package Level 2 Depth / Length	380 mm
Package Level 2 Gross Weight	8.786 kg

Classifications

ETIM 5	EC000106 - Thermal overload relay
ETIM 6	EC000106 - Thermal overload relay
ETIM 7	EC000106 - Thermal overload relay
eClass	V11.0 : 27371501
UNSPSC	39121520
IDEA Granular Category Code (IGCC)	5364 >> Overload relay
E-Number (Finland)	3707435

Categories

Low Voltage Products and Systems → Control Products → Contactors → Thermal Overload Relays

