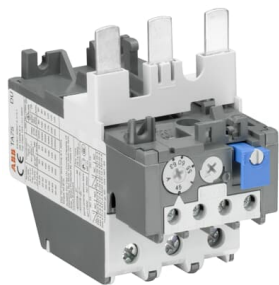




PRODUCT-DETAILS

TA75DU-52

TA75DU-52 Thermal Overload Relay 36 ... 52 A



| Algemene informatie | |
|---------------------|--|
| Type | TA75DU-52 |
| Artikelnummer | 1SAZ321201R1004 |
| EAN | 4013614216725 |
| Omschrijving | TA75DU-52 Thermal Overload Relay 36 ... 52 A |
| Lange omschrijving | The TA75DU-52 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. |

| Bestelinformatie | |
|----------------------------|----------|
| Minimale bestelhoeveelheid | 1 stuk |
| Nummer douanetarief | 85364900 |

Populaire downloads

| | |
|-----------------------------------|-----------------|
| Instructies en handleidingen | 2CDC106049M6802 |
| Time-Current Characteristic Curve | 1SAZ300501F0004 |
| Dimensiediagram | 1SAZ300402F0001 |

Afmetingen

| | |
|-----------------------|----------|
| Product netto breedte | 58 mm |
| Product netto hoogte | 92 mm |
| Product netto diepte | 111 mm |
| Product netto gewicht | 0.335 kg |

Technische specificaties

| | |
|--|---|
| Instelbereik | 36 ... 52 A |
| Nominaal bedrijfsvoltage | Auxiliary Circuit 440 V DC Auxiliary Circuit 500 V AC Main Circuit 690 V AC Main Circuit 440 V DC |
| Nominale bedrijfsstroom (I_e) | 52 A |
| Toegekende frequentie (f) | Auxiliary Circuit 50 Hz Auxiliary Circuit 60 Hz Auxiliary Circuit DC Main Circuit 60 Hz Main Circuit 50 Hz Main Circuit DC |
| Nominale impuls grensvoltage (U_{imp}) | Auxiliary Circuit 6 kV Main Circuit 6 kV |
| Nominaal isolatievoltage (U_i) | 690 V |
| Aantal polen | 3P |
| Aantal hulpcontacten NC | 1 |
| Aantal hulpcontacten NO | 1 |
| Aantal beveiligde polen | 3 |
| Conventionele vrije-lucht thermische stroom (I_{th}) | Auxiliary Circuit NC 10 A Auxiliary Circuit NO 6 A |
| Nominale bedrijfsstroom AC-15 (I_e) | (120 V) NC 3 A (120 V) NO 1.5 A (240 V) NC 3 A (240 V) NO 1.2 A (400 V) NC 0.75 A (400 V) NO 0.37 A (440 V) NC 0.75 A (440 V) NO 0.37 A (500 V) NC 0.3 A (500 V) NO 0.25 A |
| Nominale bedrijfsstroom DC-13 (I_e) | (125 V) NC 0.25 A (125 V) NO 0.25 A (24 V) NC 1.25 A (24 V) NO 1.25 A (250 V) NC 0.12 A (250 V) NO 0.04 A (60 V) NC 0.25 A (60 V) NO 0.25 A |
| Beschermingsgraad | Behuizing IP20 Main Circuit Terminals IP10 |
| Verontreinigingsgraad | 3 |

| | |
|---------------------------------------|--|
| Verbindingscapaciteit hulpcircuit | Flexible with Ferrule 1/2x 0.75 ... 2.5 mm ² Flexible 1/2x 0.75 ... 2.5 mm ² Rigid 1/2x 0.75 ... 4 mm ² |
| Verbindingscapaciteit hoofdcircuit | Flexible with Ferrule 1x 2.5 ... 25 mm ² Flexible with Ferrule 2x 2.5 ... 10 mm ² Rigid 1x 2.5 ... 25 mm ² Rigid 2x 2.5 ... 16 mm ² |
| Aanhaalmoment | Auxiliary Circuit 1 ... 1.3 N·m Main Circuit 4.5 N·m |
| Kabelstriplengte | Auxiliary Circuit 9 mm Main Circuit 14 mm |
| Aanbevolen schroevendraaier | Auxiliary Circuit Pozidriv 1 Main Circuit Pozidriv 2 |
| Vermogensverlies | at Rated Operating Conditions per Pole 1.7 ... 3.5 W |
| Geschikt voor | A50 A63 A75 AE50 AE63 AE75 |
| Normen | IEC/EN 60947-1 IEC/EN 60947-4-1 IEC/EN 60947-5-1 UL 60947-1 UL 60947-4-1 |

Technische specificaties UL/CSA

| | |
|--|---|
| Maximale bedrijfsspanning UL/CSA | Main Circuit 600 V AC |
| Contactklasse UL/CSA | (NC:) B600 (NO:) C300 |
| Verbindingscapaciteit hoofdcircuit UL/CSA | Flexible 1/2x 8-1 AWG Stranded 1/2x 8-1 AWG |
| Verbindingscapaciteit hulpcircuit UL/CSA | Flexible 1/2x 18-14 AWG Stranded 1/2x 18-14 AWG |
| Aanhaalmoment UL/CSA | Auxiliary Circuit 12 in·lb Main Circuit 40 in·lb |

Milieu

| | |
|--|---|
| Omgevingsluchttempera tuur | Werking -25 ... +55 °C Operation Compensated -25 ... +55 °C Opslag -40 ... +70 °C |
| Compensatie omgevingsluchttempera tuur | Ja |
| Maximale werkhoogte toegestaan | 2000 m |
| Schokweerstand volgens IEC 60068-2-27 | 11 ms Pulse 12g 25g 2 shocks 13 ms |
| RoHS-status | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |
| Toxic Substances Control Act - TSCA | 2CMT2023-006525 |

Material Compliance

| | |
|------------------|-----------------|
| REACH-verklaring | 2CMT2021-006202 |
| RoHS-informatie | 2CMT2021-006277 |

AEEA B2C / B2B

Business To Business

WEEE-categorie

5. Small Equipment (No External Dimension More Than 50 cm)

Certificaten en verklaringen (documentnummer)

| | |
|-------------------------------------|---------------------|
| ABS-certificaat | 1SAA941000-0102 |
| BV-certificaat | 1SAA941000-0201 |
| CB-certificaat | 1SAA941017-2001 |
| CCC-certificaat | 2024010304659817 |
| CQC-certificaat | CQC2016010309922938 |
| Declaration of Conformity - CCC | 2020980304001323 |
| Conformiteitsverklaring - CE | 1SAD101100-3509 |
| Declaration of Conformity - UKCA | 1SAD201100-3509 |
| DNV-certificaat | 1SAA941000-0304 |
| DNV GL-certificaat | 1SAA941000-0304 |
| EAC-certificaat | 1SAA941002-2702 |
| GL-certificaat | 1SAA941000-0304 |
| LR-certificaat | 1SAA941000-0504 |
| RMRS-certificaat | 1SAA941000-0704 |
| UL-certificaat | E48139-19970506 |

Verpakkingsinformatie

| | |
|--------------------------------|---------------|
| Pakketniveau 1 Units | karton 1 stuk |
| Pakketniveau 1 Breedte | 92 mm |
| Pakketniveau 1 Hoogte | 109 mm |
| Pakketniveau 1 Lengte | 61 mm |
| Pakketniveau 1 Brutogewicht | 0.36 kg |
| Pakketniveau 1 EAN | 4013614216725 |
| Pakketniveau 2 Units | 24 stuk |
| Pakketniveau 2 Breedte | 280 mm |
| Pakketniveau 2 Hoogte | 210 mm |
| Pakketniveau 2 Lengte | 395 mm |
| Pakketniveau 2 Brutogewicht | 8.786 kg |
| Pakketniveau 2 EAN | 4013614493850 |

Externe classificaties en normen

| | |
|---|---|
| Object classificatiecode | F |
| ETIM 4 | EC000106 - Thermal overload relay |
| ETIM 5 | EC000106 - Thermal overload relay |
| ETIM 6 | EC000106 - Overbelastingsrelais thermisch |
| ETIM 7 | EC000106 - Thermal overload relay |
| ETIM 8 | EC000106 - Overbelastingsrelais thermisch |
| eClass | V11.0 : 27371501 |
| UNSPSC | 39122330 |
| IGCC (IDEA granulaire categoriecode) | 5366 >> Thermal overload relay |
| E-Number (Finland) | 3709387 |

Categorieën

Laagspanningsproducten en -systemen → Control Producten → Magneetschakelaars → Thermisch overbelastingsrelais

