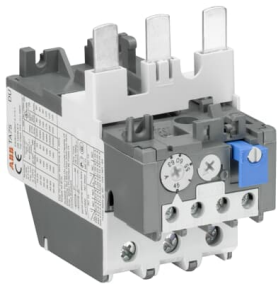




 PRODUCT-DETAILS

TA75DU-25

TA75DU-25 Thermal Overload Relay 18 ... 25 A



Informations générales

| | |
|------------------------------|--|
| Extension du type de produit | TA75DU-25 |
| Code de produit | 1SAZ321201R1001 |
| EAN | 4013614216688 |
| Description courte | TA75DU-25 Thermal Overload Relay 18 ... 25 A |
| Description longue | The TA75DU-25 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. |

Commande

| | |
|------------------|----------|
| Quantité minimum | 1 pièce |
| Code douanier | 85364900 |

Downloads Préférés

| | |
|-------------------------|-----------------|
| Instructions et manuels | 2CDC106049M6802 |
| Time-Current | 1SAZ300501F0001 |

Characteristic Curve

Schéma dimensionnel

1SAZ300402F0001

Dimensions

| | |
|----------------------|----------|
| Produit Largeur Net | 58 mm |
| Produit Hauteur Net | 92 mm |
| Produit Longueur Net | 111 mm |
| Poids net | 0.335 kg |

Technique

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|--|---|
| Setting Range | 18 ... 25 A |
| Tension | Circuit auxiliaire 440 V DC Circuit auxiliaire 500 V AC Circuit principal 690 V AC Circuit principal 440 V DC |
| Courant nominal de fonctionnement (I_e) | 25 A |
| Fréquence assignée (f) | Circuit auxiliaire 50 Hz Circuit auxiliaire 60 Hz Circuit auxiliaire DC Circuit principal 60 Hz Circuit principal 50 Hz Circuit principal DC |
| Tension assignée de tenue aux chocs (U_{imp}) | Circuit auxiliaire 6 kV Circuit principal 6 kV |
| Tension assignée d'isolement (U_i) | 690 V |
| Nombre de pôles | 3P |
| Number of Auxiliary Contacts NC | 1 |
| Number of Auxiliary Contacts NO | 1 |
| Number of Protected Poles | 3 |
| Courant thermique conventionnel à l'air libre (I_{th}) | Auxiliary Circuit NC 10 A Auxiliary Circuit NO 6 A |
| Courant assignée d'emploi 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 |
| Courant assignée d'emploi 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 |
| Indice de protection | Housing IP20 Main Circuit Terminals IP10 |
| Degré de pollution | 3 |
| Connecting Capacity Auxiliary Circuit | 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 |
| Connecting Capacity Main Circuit | 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 |

| | |
|--------------------------|--|
| Couple de serrage | Auxiliary Circuit 1 ... 1.3 N·m Main Circuit 4.5 N·m |
| Wire Stripping Length | Auxiliary Circuit 9 mm Main Circuit 14 mm |
| Recommended Screw Driver | Circuit auxiliaire Pozidriv 1 Circuit principal Pozidriv 2 |
| Power Loss | at Rated Operating Conditions per Pole 1.8 ... 3.4 W |
| Adapté pour | A50 A63 A75 AE50 AE63 AE75 |
| Normes et standards | IEC/EN 60947-1 IEC/EN 60947-4-1 IEC/EN 60947-5-1 UL 60947-1 UL 60947-4-1 |

Technique UL/CSA

| | |
|--|---|
| Maximum Operating Voltage UL/CSA | Circuit principal 600 V AC |
| Contact Rating UL/CSA | (NC:) B600 (NO:) C300 |
| 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 |

Environnement

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|---|--|
| Température de l'air ambiant | Operation -25 ... +55 °C Operation Compensated -25 ... +55 °C Storage -40 ... +70 °C |
| Ambient Air Temperature Compensation | Oui |
| Altitude de fonctionnement maximale autorisée | 2000 m |
| Résistance aux chocs selon CEI 60068-2-27 | 11 ms Pulse 12g 25g 2 shocks 13 ms |
| Statut RoHS | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |
| Toxic Substances Control Act - TSCA | 2CMT2023-006525 |

Material Compliance

| | |
|-------------------|--|
| REACH Declaration | 2CMT2021-006202 |
| Informations RoHS | 2CMT2021-006277 |
| WEEE B2C / B2B | Business To Business |
| Catégorie DEEE | 5. Small Equipment (No External Dimension More Than 50 cm) |

Certificats et Déclarations (Numéro de document)

| | |
|-----------------|---------------------|
| Certificat ABS | 1SAA941000-0102 |
| Certificat BV | 1SAA941000-0201 |
| CB Certificate | 1SAA941017-2001 |
| CCC Certificate | 2024010304659817 |
| CQC Certificate | CQC2016010309922938 |

| | |
|-------------------------------------|------------------|
| Declaration of Conformity - CCC | 2020980304001323 |
| Déclaration de Conformité - CE | 1SAD101100-3509 |
| Declaration of Conformity - UKCA | 1SAD201100-3509 |
| Certificat DNV | 1SAA941000-0304 |
| DNV GL Certificate | 1SAA941000-0304 |
| EAC Certificate | 1SAA941002-2702 |
| Certificat GL | 1SAA941000-0304 |
| Certificat LR | 1SAA941000-0504 |
| Certificat RMRS | 1SAA941000-0704 |
| Certificat UL | E48139-19970506 |

Emballage

| | |
|--------------------------------|----------------|
| Emballage Niveau 1 Unités | carton 1 pièce |
| Emballage Niveau 1 Largeur | 92 mm |
| Emballage Niveau 1 Hauteur | 109 mm |
| Emballage Niveau 1 Longueur | 61 mm |
| Emballage Niveau 1 Poids | 0.36 kg |
| Emballage Niveau 1 EAN | 4013614216688 |
| Emballage Niveau 2 Unités | 24 pièce |
| Emballage Niveau 2 Largeur | 280 mm |
| Emballage Niveau 2 Hauteur | 210 mm |
| Emballage Niveau 2 Longueur | 395 mm |
| Emballage Niveau 2 Poids | 8.786 kg |
| Emballage Niveau 2 EAN | 4013614493829 |

External Classifications and Standards

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|---|--|
| Code de classification d'objet | F |
| ETIM 4 | EC000106 - Thermal overload relay |
| ETIM 5 | EC000106 - Thermal overload relay |
| ETIM 6 | EC000106 - relais de surcharge thermique |
| ETIM 7 | EC000106 - Thermal overload relay |
| ETIM 8 | EC000106 - Thermal overload relay |
| eClass | V11.0 : 27371501 |
| UNSPSC | 39122330 |
| Code de catégorie granulaire IDEA (IGCC) | 5366 >> Thermal overload relay |
| E-Number (Finland) | 3709384 |

Catégories

Produits basse tension → Produits de Contrôle, Protection et sécurité machines → Contacteurs → Relais de protection contre les surcharges

