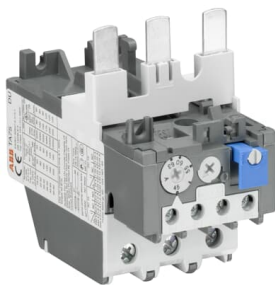




PRODUCT-DETAILS

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

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

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
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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

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

