



PRODUCT-DETAILS

TA25DU-32

TA25DU-32 Thermal Overload Relay 24 ... 32 A



Algemene informatie	
Type	TA25DU-32
Artikelnummer	1SAZ211201R1053
EAN	4013614216640
Omschrijving	TA25DU-32 Thermal Overload Relay 24 ... 32 A
Lange omschrijving	The TA25DU-32 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	2CDC106031M6802
Time-Current Characteristic Curve	1SAZ200501F0018
Dimensiediagram	1SAZ200402F0001

Afmetingen

Product netto breedte	44 mm
Product netto hoogte	94 mm
Product netto diepte	94 mm
Product netto gewicht	0.2 kg

Technische specificaties

Instelbereik	24 ... 32 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)	32 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 1.5 ... 6 mm ² Flexible 1x 1.5 ... 6 mm ² Rigid 1x 1.5 ... 10 mm ²
Aanhaalmoment	Auxiliary Circuit 1 ... 1.3 N·m Main Circuit 2.5 ... 3.2 N·m
Kabelstriplengte	Auxiliary Circuit 9 mm Main Circuit 15 mm
Aanbevolen schroevendraaier	Auxiliary Circuit Pozidriv 1 Main Circuit Pozidriv 2
Vermogensverlies	at Rated Operating Conditions per Pole 1.8 ... 3.3 W
Geschikt voor	A9 A12 A16 A26 A30 A40 AL9 AL12 AL16 AL26 AL30 AL40
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 1x 10-8 AWG Stranded 1x 10-8 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 20 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
AEBA 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	1SAA941005-2001
CCC-certificaat	2024010304659818
CQC-certificaat	CQC2015010309808587
Declaration of Conformity - CCC	2020980304001318
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	E48139-19970507

Verpakkingsinformatie

Pakketniveau 1 Units	karton 1 stuk
Pakketniveau 1 Breedte	98 mm
Pakketniveau 1 Hoogte	82 mm
Pakketniveau 1 Lengte	47 mm
Pakketniveau 1 Brutogewicht	0.22 kg
Pakketniveau 1 EAN	4013614216640
Pakketniveau 2 Units	48 stuk
Pakketniveau 2 Breedte	280 mm
Pakketniveau 2 Hoogte	210 mm
Pakketniveau 2 Lengte	395 mm
Pakketniveau 2 Brutogewicht	10.946 kg
Pakketniveau 2 EAN	4013614442049

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)	3709380

Categorieën

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

