



PRODUCT-DETAILS

TA25DU-14

TA25DU-14 Thermal Overload Relay 10 ... 14 A



Generell informasjon

Utvidet produkttype	TA25DU-14
Produkt-ID	1SAZ211201R1045
EAN	4013614216619
Katalogbeskrivelse	TA25DU-14 Thermal Overload Relay 10 ... 14 A
Lang beskrivelse	The TA25DU-14 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 ordreantall	1 piece
Tolltariffnummer	85364900

Popular Downloads

Instruksjoner og bruksanvisninger	2CDC106031M6802
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Time-Current Characteristic Curve	1SAZ200501F0015
Dimensionsdiagram	1SAZ200402F0001

Dimensions

Produktets nettobredde	44 mm
Produktets netto høyde	80 mm
Produktets netto dybde/lengde	94 mm
Produktets nettovekt	0.15 kg

Technical

Setting Range	10 ... 14 A
Nominell driftsspenning	Auxiliary Circuit 440 V DC Auxiliary Circuit 500 V AC Main Circuit 690 V AC Main Circuit 440 V DC
Nominell driftsstrøm (I_{θ})	14 A
Nominell frekvens (f)	Auxiliary Circuit 50 Hz Auxiliary Circuit 60 Hz Auxiliary Circuit DC Main Circuit 60 Hz Main Circuit 50 Hz Main Circuit DC
Rated Impulse Withstand Voltage (U_{imp})	Auxiliary Circuit 6 kV Main Circuit 6 kV
Rated Insulation Voltage (U_i)	690 V
Antall stenger	3P
Number of Auxiliary Contacts NC	1
Number of Auxiliary Contacts NO	1
Number of Protected Poles	3
Conventional Free-air Thermal Current (I_{th})	Auxiliary Circuit NC 10 A Auxiliary Circuit NO 6 A
Rated Operational Current AC-15 (I_{θ})	(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
Rated Operational Current DC-13 (I_{θ})	(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
Beskyttelsesgrad	Housing IP20 Main Circuit Terminals IP10
Pollution Degree	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 1/2x 1.5 ... 4 mm ² Flexible 1/2x 1.5 ... 4 mm ² Rigid 1/2x 1.5 ... 6 mm ²
Tiltrekningsmoment	Auxiliary Circuit 1 ... 1.3 N·m

	Main Circuit 1.5 ... 1.9 N·m
Wire Stripping Length	Auxiliary Circuit 9 mm Main Circuit 12 mm
Recommended Screw Driver	Auxiliary Circuit Pozidriv 1 Main Circuit Pozidriv 2
Power Loss	at Rated Operating Conditions per Pole 1.2 ... 2.4 W
Passer til	A9 A12 A16 A26 A30 A40 AL9 AL12 AL16 AL26 AL30 AL40
Standarder	IEC/EN 60947-1 IEC/EN 60947-4-1 IEC/EN 60947-5-1 UL 60947-1 UL 60947-4-1

Technical UL/CSA

Maximum Operating Voltage UL/CSA	Main Circuit 600 V AC
Contact Rating UL/CSA	(NC:) B600 (NO:) C300
Connecting Capacity Main Circuit UL/CSA	Flexible 1/2x 16-8 AWG Stranded 1/2x 16-8 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 12 in·lb

Environmental

Omgivelseslufttemperatur	Operation -25 ... +55 °C Operation Compensated -25 ... +55 °C Storage -40 ... +70 °C
Ambient Air Temperature Compensation	Ja
Maksimalt tillatte driftshøyde	2000 m
Motstand overfor støt iht. til 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 Declaration	2CMT2021-006202
RoHS-informasjon	2CMT2021-006277
WEEE B2C/B2B	Business To Business
WEEE-kategori	5. Small Equipment (No External Dimension More Than 50 cm)

Certificates and Declarations

ABS-sertifikat	1SAA941000-0102
BV-sertifikat	1SAA941000-0201
CB Certificate	1SAA941005-2001

CCC Certificate	2024010304659818
CQC Certificate	CQC2015010309808587
Declaration of Conformity - CCC	2020980304001318
Samsvarserklæring - CE	1SAD101100-3509
Declaration of Conformity - UKCA	1SAD201100-3509
DNV-sertifikat	1SAA941000-0304
DNV GL Certificate	1SAA941000-0304
EAC Certificate	1SAA941002-2702
GL-sertifikat	1SAA941000-0304
LR-sertifikat	1SAA941000-0504
RMRS-sertifikat	1SAA941000-0704
UL-sertifikat	E48139-19970507

Container Information

Pakkenivå 1 enheter	carton 1 piece
Pakkenivå 1 bredde	98 mm
Pakkenivå 1 høyde	82 mm
Pakkenivå 1 dybde/lengde	47 mm
Pakkenivå 1 bruttovekt	0.17 kg
Pakkenivå 1 EAN	4013614216619
Pakkenivå 2 enheter	48 piece
Pakkenivå 2 bredde	280 mm
Pakkenivå 2 høyde	210 mm
Pakkenivå 2 dybde/lengde	395 mm
Pakkenivå 2 bruttovekt	8.546 kg
Pakkenivå 2 EAN	4013614441998

External Classifications and Standards

Objektklassifiseringskode	F
ETIM 4	EC000106 - Thermal overload relay
ETIM 5	EC000106 - Thermal overload relay
ETIM 6	EC000106 - Thermal overload relay
ETIM 7	EC000106 - Thermal overload relay
ETIM 8	EC000106 - Thermal overload relay
e-klasse	V11.0 : 27371501
UNSPSC	39122330
IDEA- granulærkategorikode (IGCC)	5366 >> Thermal overload relay
E-Number (Finland)	3709377

Kategorier

Lavspenningsprodukter → Startapparater → Kontakter → Termiske overlastvern TOL

