



PRODUCT-DETAILS

TA25DU-32RT

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



General Information

Extended Product Type	TA25DU-32RT
Product ID	1SAZ281201R1053
Catalog Description	TA25DU-32RT Thermal Overload Relay 24 ... 32 A
Long Description	TA25DU-32RT Thermal Overload Relay

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85364900

Popular Downloads

Instructions and Manuals	1SAC200282H0001
Time-Current	1SAZ200501F0018
Characteristic Curve	

Dimensions

Product Net Width	44 mm
Product Net Height	80 mm
Product Net Depth / Length	94 mm
Product Net Weight	0.2 kg

Technical

Setting Range	24 ... 32 A
Rated Operational Voltage	Auxiliary Circuit 440 V DC Auxiliary Circuit 500 V AC Main Circuit 690 V AC Main Circuit 440 V DC
Rated Operational Current (I _e)	32 A
Rated Frequency (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
Number of Poles	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 _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
Rated Operational Current 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
Degree of Protection	Housing IP20 Main Circuit Terminals IP10
Pollution Degree	3
Recommended Screw Driver	Auxiliary Circuit Pozidriv 1 Main Circuit Pozidriv 2
Power Loss	at Rated Operating Conditions per Pole 1.8 ... 3.3 W

Environmental

Ambient Air Temperature	Operation -25 ... +55 °C Operation Compensated -25 ... +55 °C Storage -40 ... +70 °C
Ambient Air Temperature Compensation	Yes
Maximum Operating	2000 m

Altitude Permissible

Resistance to Shock acc. to 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

Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
REACH Declaration	2CMT2021-006202
RoHS Information	2CMT2021-006277
WEEE B2C / B2B	Business To Business
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	98 mm
Package Level 1 Height	82 mm
Package Level 1 Depth / Length	47 mm
Package Level 1 Gross Weight	0.22 kg

External Classifications and Standards

ETIM 5	EC000106 - Thermal overload relay
ETIM 6	EC000106 - Thermal overload relay
ETIM 7	EC000106 - Thermal overload relay
ETIM 8	EC000106 - Thermal overload relay
eClass	V11.0 : 27371501
UNSPSC	39122330
IDEA Granular Category Code (IGCC)	5366 >> Thermal overload relay

Categories

Low Voltage Products and Systems → Control Products → Contactors → Thermal Overload Relays

