PRODUCT-DETAILS

T16-1.0

T16-1.0 Thermal Overload Relay 0.74 ... 1.0 A

Informations générales

Extension du type de produit	T16-1.0
Code de produit	1SAZ711201R1023
EAN	4013614397875
Description courte	T16-1.0 Thermal Overload Relay 0.74 ... 1.0 A
Description longue	The T16-1.0 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 10. Further features are the temperature compensation, trip contact (NC), signal contact (NO), automatic- or manual reset selectable, trip-free mechanism, STOP function and a trip indication. The overload relays are connected directly to the mini contactors or block contactors. Single mounting kits are available as accessory.

Commande

Quantité minimum	1 pièce
Code douanier	85364900

Downloads Préférés

Fiche produit, informations techniques	2CDC106020D0201
Instructions et manuels	2CDC106019M6802
Instructions et manuels (Partie 2)	1SAC200017M0002

Time-Current Characteristic Curve	1SAZ700505F0008
CAD Dimensional Drawing	2CDC001079B0201
Schéma dimensionnel	1SAZ700404F0001

Dimensions

Produit Largeur Net	45 mm
Produit Hauteur Net	76.7 mm
Produit Longueur Net	53.5 mm
Poids net	0.1 kg

Technique

Setting Range	0.74 ... 1.0 A
Tension	Circuit auxiliaire 600 V AC/DC Circuit principal 690 V AC
Courant nominal de fonctionnement (I_e)	1 A
Fréquence assignée (f)	Circuit auxiliaire 50 Hz Circuit auxiliaire 60 Hz Circuit auxiliaire DC Circuit principal 50 Hz Circuit principal 60 Hz
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	3
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 6 A Auxiliary Circuit NO 4 A
Courant assignée d'emploi AC-15 (I_e)	(120 V) NC 3 A (120 V) NO 0.5 A (240 V) NC 3 A (240 V) NO 0.5 A (400 V) NC 0.75 A (400 V) NO 0.5 A (500 V) NC 0.75 A (500 V) NO 0.5 A
Courant assignée d'emploi DC-13 (I_e)	(125 V) NC 0.55 A (125 V) NO 0.55 A (24 V) NC 1.25 A (24 V) NO 1.25 A (250 V) NC 0.27 A (250 V) NO 0.27 A (500 V) NC 0.15 A (500 V) NO 0.15 A (60 V) NC 0.55 A (60 V) NO 0.55 A
Indice de protection	IP20
Degré de pollution	3
Connecting Capacity Auxiliary Circuit	Flexible with Ferrule 1/2x 0.75 ... 2.5 mm² Flexible with Insulated Ferrule 1x 0.75 ... 2.5 mm² Flexible with Insulated Ferrule 2x 0.75 ... 1.5 mm² Flexible 1/2x 0.75 ... 1 mm²

	Flexible 1/2x 1 ... 2.5 mm² Rigid 1/2x 0.75 ... 4 mm²
Connecting Capacity Main Circuit	Flexible with Ferrule 1/2x 0.75 ... 4 mm² Flexible with Insulated Ferrule 1/2x 0.75 ... 4 mm² Flexible 1/2x 0.75 ... 4 mm² Solid 1/2x 0.75 ... 1.5 mm² Solid 1/2x 1.5 ... 4 mm² Stranded 1/2x 1 ... 4 mm²
Couple de serrage	Auxiliary Circuit 1 ... 1.2 N·m Main Circuit 1.1 ... 1.5 N·m
Wire Stripping Length	Auxiliary Circuit 9 mm Main Circuit 12 mm
Recommended Screw Driver	Circuit principal Pozidriv 2
Power Loss	at Rated Operating Conditions per Pole 1.1 ... 2.0 W
Adapté pour	B6 BC6 B7 BC7 VB6 VBC6 VB7 VBC7 MC1 MC2 AS09 AS12 AS16
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 (NC:) Q600 (NO:) Q600 (NO:) D300
Connecting Capacity Main Circuit UL/CSA	Flexible 1/2x 18-12 AWG Stranded 1/2x 18-10 AWG
Connecting Capacity Auxiliary Circuit UL/CSA	Flexible 1/2x 18-12 AWG Stranded 1/2x 18-12 AWG
Tightening Torque UL/CSA	Auxiliary Circuit 9 ... 11 in·lb Main Circuit 9 ... 13 in·lb

Environnement

Température de l'air ambiant	Operation -25 ... +60 °C Operation Compensated -25 ... +60 °C Storage -50 ... +80 °C
Ambient Air Temperature Compensation	Oui
Altitude de fonctionnement maximale autorisée	2000 m
Résistance aux chocs selon CEI 60068-2-27	11 ms Pulse 22g
Resistance to Vibrations acc. to IEC 60068-2-6	3g / 3 ... 150 Hz
Statut RoHS	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019

Eco Transparence

Informations environnementales	1SAC200055H0009

Certificats et Déclarations (Numéro de document)

Certificat ABS	1SAA941001-0102
Certificat BV	1SAA941001-0203
CB Certificate	1SAA941008-2001
CQC Certificate	CQC2011010309459316
Declaration of Conformity - CCC	2020980304001787
Déclaration de Conformité - CE	1SAD101100-3502
Declaration of Conformity - UKCA	1SAD201100-3502
DNV GL Certificate	1SAA941001-0302
EAC Certificate	1SAA941002-2702
Certificat GL	1SAA941007-0401
Certificat LR	1SAA941001-0502
Certificat RINA	1SAA941000-0802
Certificat RMRS	1SAA941000-0704
Certificat UL	E48139-20090126

Emballage

Emballage Niveau 1 Unités	1 pièce
Emballage Niveau 1 Largeur	48 mm
Emballage Niveau 1 Hauteur	63 mm
Emballage Niveau 1 Longueur	82 mm
Emballage Niveau 1 Poids	0.112 kg
Emballage Niveau 1 EAN	4013614397875
Emballage Niveau 2 Unités	40 pièce
Emballage Niveau 2 Largeur	280 mm
Emballage Niveau 2 Hauteur	210 mm
Emballage Niveau 2 Longueur	395 mm
Emballage Niveau 2 Poids	8.45 kg
Emballage Niveau 2 EAN	4013614440588

Classifications

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)	3706140
E-Number (Sweden)	3212061

Accessories

Identifier	Description	Type	Quantity	Unit Of Measure
1SAZ701901R0001	DB16 Single Mounting Kit	DB16	1	piece
1SFA616162R1014	KPR3-101L Reset push button	KPR-101L	1	piece

Lieu d'utilisation

Identifier	Description	Type
3BHB047970R0009		Kit

Catégories

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