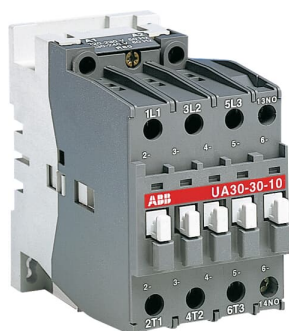


PRODUCT-DETAILS

UA30-30-10 200V 50Hz / 200-220V 60Hz UA30-30-10 200V 50Hz / 200-220V 60Hz Contactor



Informations générales

| | |
|------------------------------|--|
| Extension du type de produit | UA30-30-10 200V 50Hz / 200-220V 60Hz |
| Code de produit | 1SBL281022R7510 |
| EAN | 3471522074751 |
| Description courte | UA30-30-10 200V 50Hz / 200-220V 60Hz Contactor |

| | |
|--------------------|---|
| Description longue | <p>The UA30-30-10 200V 50Hz / 200-220V 60Hz is a 3-pole contactors for capacitor switching, can be used for the switching of capacitor banks whose inrush current peaks are less than or equal to 100 times nominal rms current. The table below gives the permissible powers according to operational voltage and temperature close to the contactor. It also specifies the maximum peak current \hat{I} values accepted by the contactor. The capacitors must be discharged (maximum residual voltage at terminals ≤ 50 V) before being re-energized when the contactors are making. In these conditions, electrical durability of contactors is equal to 100 000 operating cycles. The UA. series 3-pole contactors are of the block type design. - Main poles and auxiliary contacts: 3 main poles, 1 built-in auxiliary contact - Control circuit: AC operated with laminated magnet circuit - Accessories: a wide range of accessories is available.</p> |
|--------------------|---|

Commande

| | |
|------------------|----------|
| Quantité minimum | 1 pièce |
| Code douanier | 85364900 |

Downloads Préférés

| | |
|--|-----------------|
| Fiche produit, informations techniques | 1SBC101140C0203 |
|--|-----------------|

Instructions et manuels

FPTC407722P0001

CAD Dimensional
Drawing

2CDC001079B0201

Dimensions

| | |
|----------------------|----------|
| Produit Largeur Net | 54 mm |
| Produit Longueur Net | 108.3 mm |
| Produit Hauteur Net | 90 mm |
| Poids net | 0.71 kg |

Technique

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|--|--|
| Number of Main Contacts NO | 3 |
| Number of Main Contacts NC | 0 |
| Number of Auxiliary Contacts NO | 1 |
| Number of Auxiliary Contacts NC | 0 |
| Normes et standards | IEC/EN 60947-1, IEC/EN 60947-4-1 |
| Tension | Circuit auxiliaire 690 V Circuit principal 690 V |
| Fréquence assignée (f) | Circuit auxiliaire 50 / 60 Hz Circuit de commande 50 / 60 Hz Circuit principal 50 / 60 Hz |
| Courant thermique conventionnel à l'air libre (I_{th}) | acc. to IEC 60947-5-1, $\Theta = 40\text{ °C}$ 16 A |
| Rated Operational Power AC-6b (P_e) | (230 / 240 V) 40 °C, 50 / 60 Hz 16 kvar (230 / 240 V) 55 °C, 50 / 60 Hz 16 kvar (230 / 240 V) 70 °C, 50 / 60 Hz 11 kvar (400 / 415 V) 40 °C, 50 / 60 Hz 27.5 kvar (400 / 415 V) 70 °C, 50 / 60 Hz 19 kvar (400 / 415 V) 55 °C, 50 / 60 Hz 27.5 kvar (440 V) 40 °C, 50 / 60 Hz 30 kvar (440 V) 55 °C, 50 / 60 Hz 30 kvar (440 V) 70 °C, 50 / 60 Hz 20 kvar (500 / 550 V), 40 °C, 50 / 60 Hz 34 kvar (500 / 550 V) 55 °C, 50 / 60 Hz 34 kvar (500 / 550 V) 70 °C, 50 / 60 Hz 23.5 kvar (690 V) 40 °C, 50 / 60 Hz 45 kvar (690 V) 55 °C, 50 / 60 Hz 45 kvar (690 V) 70 °C, 50 / 60 Hz 32 kvar |
| Courant assignée d'emploi AC-15 (I_e) | (500 V) 2 A (690 V) 2 A (24 / 127 V) 6 A (220 / 240 V) 4 A (380 / 400 V) 3 A |
| Dispositif de protection contre les courts-circuits | Auxiliary Circuit - gG Type Fuses 10 A gG Type Fuses 1.5 ... 1.8 A |
| Courant assigné de courte durée admissible (I_{cw}) | for 0.1 s 140 A for 1 s 100 A |
| Maximum Breaking Capacity | cos phi=0.45 (cos phi=0.35 for $I_e > 100\text{ A}$) at 440 V 820 A cos phi=0.45 (cos phi=0.35 for $I_e > 100\text{ A}$) at 690 V 340 A |
| Courant assignée d'emploi DC-13 (I_e) | (24 V) 6 A / 144 W (48 V) 2.8 A / 134 W (72 V) 2 / 144 W (110 V) 1.1 A / 121 W (125 V) 1.1 / 138 W (220 V) 0.55 A / 121 W (250 V) 0.55 / 138 W |
| Tension assignée d'isolement (U_i) | acc. to IEC 60947-4-1 1000 V acc. to IEC 60947-5-1 690 V |

| | |
|--|--|
| | acc. to UL/CSA 600 V |
| Tension assignée de tenue aux chocs (U_{imp}) | 8 kV |
| Durabilité mécanique | 10 million |
| Maximum Mechanical Switching Frequency | 3600 cycles per hour |
| Rated Control Circuit Voltage (U_c) | 50 Hz 200 V 60 Hz 200 ... 220 V |
| Coil Consumption | Average Holding Value 50 Hz 12 V·A Average Holding Value 60 Hz 12 V·A Average Pull-in Value 50 Hz 120 V·A Average Pull-in Value 60 Hz 140 V·A Holding at Max. Rated Control Circuit Voltage 50 Hz 12 V·A Holding at Max. Rated Control Circuit Voltage 50 Hz 3 W Holding at Max. Rated Control Circuit Voltage 60 Hz 12 V·A Holding at Max. Rated Control Circuit Voltage 60 Hz 3 W Pull-in at Max. Rated Control Circuit Voltage 50 Hz 120 V·A Pull-in at Max. Rated Control Circuit Voltage 60 Hz 140 V·A |
| Durée de fonctionnement nominale | Entre la mise hors tension de la bobine et l'ouverture du contact NO (normally open) 4 ... 11 ms Entre la mise sous tension de la bobine et la fermeture du contact NO 8 ... 21 ms |
| Montage sur rail DIN | TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715 |
| Mounting by Screws (not supplied) | 2 x M4 screws placed diagonally |
| Connecting Capacity Main Circuit | Flexible with Cable End 2.5 ... 10 mm ² Rigid Cable 2.5 ... 16 mm ² |
| Connecting Capacity Auxiliary Circuit | Flexible with Cable End 0.75 ... 2.5 mm ² Rigid Cable 1 ... 4 mm ² |
| Indice de protection | acc. to IEC 60529, IEC 60947-1, EN 60529 Auxiliary Terminals IP20 acc. to IEC 60529, IEC 60947-1, EN 60529 Coil Terminals IP20 acc. to IEC 60529, IEC 60947-1, EN 60529 Main Terminals IP20 |
| Connecting Terminals (delivered in open position) Main Poles | M 5 (+,-) pozidriv 2 screw with 2x (5.6x6.5 mm) connector |
| Type de borne | Screw Terminals |

Environnement

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|---|--|
| Température de l'air ambiant | Close to Contactor for Storage -60 ... +80 °C Near Contactor for Operation in Free Air (0.85 ... 1.1 U_c) -40 ... +55 °C Near Contactor for Operation in Free Air (U_c) -40 ... 70 °C |
| Climatic Withstand | acc. to IEC 60068-2-30 and 60068-2-11 - UTE C 63-100 specification II |
| Altitude de fonctionnement maximale autorisée | Without Derating 3000 m |
| REACH Declaration | 2CMT2021-006202 |
| Informations RoHS | 2CMT2021-006277 |
| Statut RoHS | Following EU Directive 2011/65/EU |

Certificats et Déclarations (Numéro de document)

| | |
|----------------------------------|--|
| CB Certificate | CB_FR2880_60002378 |
| CQC Certificate | CQC2003010304060095 CQC2007010309256050 |
| Declaration of Conformity - CCC | 2020980304001610 2020980304001216 |
| Déclaration de Conformité - CE | 1SBD250805U1000 |
| Declaration of Conformity - UKCA | 1SBD250822U1000 |

Certificat GOST

GOST_POCCFRME77B07175

Certificat UL

UL-US-L312527-4104-71017991-2
UL-CA-L312527-4104-71017991-2

Emballage

| | |
|-----------------------------|---------------|
| Emballage Niveau 1 Unités | box 1 pièce |
| Emballage Niveau 1 Largeur | 101 mm |
| Emballage Niveau 1 Longueur | 115 mm |
| Emballage Niveau 1 Hauteur | 61 mm |
| Emballage Niveau 1 Poids | 0.71 kg |
| Emballage Niveau 1 EAN | 3471522074751 |
| Emballage Niveau 2 Unités | box 24 pièce |
| Emballage Niveau 2 Largeur | 300 mm |
| Emballage Niveau 2 Longueur | 245 mm |
| Emballage Niveau 2 Hauteur | 308 mm |
| Emballage Niveau 2 Poids | 17.04 kg |
| Emballage Niveau 3 Unités | 576 pièce |

Classifications

| | |
|--------------------------------|---------------------------------------|
| Code de classification d'objet | Q |
| ETIM 4 | EC001079 - Capacitor magnet contactor |
| ETIM 5 | EC001079 - Capacitor magnet contactor |
| ETIM 6 | EC001079 - contacteur de condensateur |
| ETIM 7 | EC001079 - Capacitor contactor |
| ETIM 8 | EC001079 - Capacitor contactor |
| eClass | V11.0 : 27371006 |
| UNSPSC | 39121529 |

Catégories

Produits basse tension → Produits de Contrôle, Protection et sécurité machines → Contacteurs → Contacteurs monoblocs → UA and UA..RA Contactors → UA30

