

PRODUCT-DETAILS

# UA95-30-11-86

## UA95-30-11 400-415V 50Hz / 415-440V 60Hz

### Contacteur



#### Informations générales

|                              |  |
|------------------------------|--|
| Extension du type de produit | UA95-30-11-86  |
| Code de produit              | 1SFL431022R8611  |
| EAN                          | 7320500149539  |
| Description courte           | UA95-30-11 400-415V 50Hz / 415-440V 60Hz Contacteur  |
| Description longue           | A 3-phase Contacteur suitable for Capacitor switching application. Maximum permissible peak current 30 times the nominal RMS current. Operated with a control voltage, versions from 24V AC, 690 V |

#### Commande

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

#### Downloads Préférés

|  |                 |
|--|-----------------|
| Fiche produit, informations techniques | 1SBC101145L0202 |
| Instructions et manuels                | 5309660-60      |
| CAD Dimensional Drawing                | 2CDC001079B0201 |

## Dimensions

|                      |          |
|----------------------|----------|
| Produit Largeur Net  | 102 mm   |
| Produit Longueur Net | 123.5 mm |
| Produit Hauteur Net  | 148 mm   |
| Poids net            | 1.8 kg   |

## Technique

|  |  |
|--|--|
| Number of Main Contacts NO                                 | 3  |
| Number of Main Contacts NC                                 | 0  |
| Number of Auxiliary Contacts NO                            | 1  |
| Number of Auxiliary Contacts NC                            | 1  |
| Tension  | Circuit principal 1000 V   |
| Fréquence assignée (f)                                     | Circuit principal 50 / 60 Hz   |
| Courant thermique conventionnel à l'air libre ( $I_{th}$ ) | acc. to IEC 60947-4-1, Open Contactors $\Theta = 40\text{ °C}$ 145 A   |
| Puissance assignée d'emploi AC-3 ( $P_e$ )                 | (380 / 400 V) 45 kW  |
| Rated Operational Power AC-6b ( $P_e$ )                    | (230 / 240 V) 40 °C, 50 / 60 Hz 35 kvar<br>(230 / 240 V) 55 °C, 50 / 60 Hz 35 kvar<br>(230 / 240 V) 70 °C, 50 / 60 Hz 30 kvar<br>(400 / 415 V) 40 °C, 50 / 60 Hz 65 kvar<br>(400 / 415 V) 70 °C, 50 / 60 Hz 55 kvar<br>(400 / 415 V) 55 °C, 50 / 60 Hz 65 kvar<br>(440 V) 40 °C, 50 / 60 Hz 65 kvar<br>(440 V) 55 °C, 50 / 60 Hz 65 kvar<br>(440 V) 70 °C, 50 / 60 Hz 55 kvar<br>(500 / 550 V), 40 °C, 50 / 60 Hz 70 kvar<br>(500 / 550 V) 55 °C, 50 / 60 Hz 70 kvar<br>(500 / 550 V) 70 °C, 50 / 60 Hz 60 kvar<br>(690 V) 40 °C, 50 / 60 Hz 80 kvar<br>(690 V) 55 °C, 50 / 60 Hz 80 kvar<br>(690 V) 70 °C, 50 / 60 Hz 70 kvar |
| Courant assigné de courte durée admissible ( $I_{cw}$ )    | at 40 °C Ambient Temp, in Free Air, from a Cold State 10 s 800 A<br>at 40 °C Ambient Temp, in Free Air, from a Cold State 15 min 160 A<br>at 40 °C Ambient Temp, in Free Air, from a Cold State 1 min 350 A<br>at 40 °C Ambient Temp, in Free Air, from a Cold State 1 s 1320 A<br>at 40 °C Ambient Temp, in Free Air, from a Cold State 30 s 500 A  |
| Maximum Breaking Capacity                                  | cos phi=0.45 (cos phi=0.35 for $I_e > 100$ A) at 440 V 1160 A<br>cos phi=0.45 (cos phi=0.35 for $I_e > 100$ A) at 690 V 800 A  |
| Maximum Electrical Switching Frequency                     | 240 cycles per hour  |
| Tension assignée d'isolement ( $U_i$ )                     | acc. to IEC 60947-4-1 and VDE 0110 (Gr. C) 1000 V<br>acc. to UL/CSA 600 V  |
| Tension assignée de tenue aux chocs ( $U_{imp}$ )          | Circuit principal 8 kV   |
| Durabilité mécanique                                       | 10 million   |
| Maximum Mechanical Switching Frequency                     | 3600 cycles per hour   |
| Plage d'utilisation de la bobine selon                     | (acc. to IEC 60947-4-1) 0.85 x $U_c$ Min. ... 1.1 x $U_c$ Max. (at $\theta \leq 70\text{ °C}$ )  |
| Rated Control Circuit Voltage ( $U_c$ )                    | 50 Hz 400 ... 415 V<br>60 Hz 415 ... 440 V   |
| Coil Consumption   | Holding at Max. Rated Control Circuit Voltage 50 Hz 22 V·A<br>Holding at Max. Rated Control Circuit Voltage 60 Hz 26 V·A<br>Pull-in at Max. Rated Control Circuit Voltage 50 Hz 350 V·A<br>Pull-in at Max. Rated Control Circuit Voltage 60 Hz 450 V·A   |
| Durée de fonctionnement nominale                           | Entre la mise hors tension de la bobine et la fermeture du contact NC (normally closed) 7 ... 15 ms  |

Entre la mise hors tension de la bobine et l'ouverture du contact NO (normally open) 10 ... 18 ms  
 Entre la mise sous tension de la bobine et l'ouverture du contact NC 7 ... 22 ms  
 Entre la mise sous tension de la bobine et la fermeture du contact NO 10 ... 25 ms

|  |  |
|--|--|
| Connecting Capacity Main Circuit                             | Bar 30 mm <sup>2</sup><br>Flexible with Cable End 2 x 6 ... 35 mm <sup>2</sup><br>Rigid 2 x 6 ... 65 mm <sup>2</sup>   |
| Connecting Capacity Auxiliary Circuit                        | Flexible with Ferrule 2x 0.75 ... 2.5 mm <sup>2</sup><br>Flexible with Insulated Ferrule 2x 0.75 ... 2.5 mm <sup>2</sup><br>Flexible 2x0.75 ... 2.5 mm <sup>2</sup><br>Solid 2 x 1 ... 4 mm <sup>2</sup><br>Stranded 1 x 1 ... 4 mm <sup>2</sup> |
| Indice de protection   | acc. to IEC 60529, IEC 60947-1, EN 60529 Coil Terminals IP20<br>acc. to IEC 60529, IEC 60947-1, EN 60529 Main Terminals IP10   |
| Connecting Terminals (delivered in open position) Main Poles | M8 hexagon socket screw with single connector  |
| Type de borne  | Cable Clamp  |

## Technique UL/CSA

|                                  |                         |
|----------------------------------|-------------------------|
| Maximum Operating Voltage UL/CSA | Circuit principal 600 V |
|----------------------------------|-------------------------|

## Environnement

|   |  |
|---|--|
| Température de l'air ambiant                  | Close to Contactor Fitted with Thermal O/L Relay (0.85 ... 1.1 Uc) -25 ... 50 °C<br>Close to Contactor without Thermal O/L Relay (0.85 ... 1.1 Uc) -40 ... 70 °C<br>Close to Contactor for Storage -60 ... +80 °C  |
| Altitude de fonctionnement maximale autorisée | Without Derating 3000 m  |
| REACH Declaration                             | 2CMT2021-006202  |
| Résistance aux chocs selon CEI 60068-2-27     | Half-sine Pulse for 11 ms, No Change in Contact Position, Open, Shock<br>Direction: A 20 g<br>Half-sine Pulse for 11 ms, No Change in Contact Position, Closed, Shock<br>Direction: A 20 g<br>Half-sine Pulse for 11 ms, No Change in Contact Position, Closed, Shock<br>Direction: B1 15 g<br>Half-sine Pulse for 11 ms, No Change in Contact Position, Closed, Shock<br>Direction: C1 20 g<br>Half-sine Pulse for 11 ms, No Change in Contact Position, Closed, Shock<br>Direction: C2 20 g<br>Half-sine Pulse for 11 ms, No Change in Contact Position, Open, Shock<br>Direction: B1 5 g<br>Half-sine Pulse for 11 ms, No Change in Contact Position, Open, Shock<br>Direction: B2 15 g<br>Half-sine Pulse for 11 ms, No Change in Contact Position, Open, Shock<br>Direction: C1 20 g<br>Half-sine Pulse for 11 ms, No Change in Contact Position, Open, Shock<br>Direction: C2 20 g |
| Informations RoHS                             | 2CMT2021-006277  |
| Statut RoHS                                   | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019   |

## Certificats et Déclarations (Numéro de document)

|                                 |  |
|---------------------------------|--|
| CB Certificate                  | SE-72472                                   |
| CQC Certificate                 | CQC2003010304088242<br>CQC2009010304353513 |
| Certificat ecULus               | 20160916- E36588                           |
| Declaration of Conformity - CCC | 2020980304001551<br>2020980304001055       |
| Déclaration de Conformité - CE  | 2CMT2015-005436                            |

Declaration of Conformity  
- UKCA

2CMT2020-006118

## Emballage

|                             |               |
|-----------------------------|---------------|
| Emballage Niveau 1 Unités   | box 1 pièce   |
| Emballage Niveau 1 Largeur  | 130 mm        |
| Emballage Niveau 1 Longueur | 265 mm        |
| Emballage Niveau 1 Hauteur  | 162 mm        |
| Emballage Niveau 1 Poids    | 2 kg          |
| Emballage Niveau 1 EAN      | 7320500149539 |

## 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                              |
| Code de catégorie granulaire IDÉA (IGCC) | 4756 >> Capacitor magnet contactor    |

## Catégories

Produits basse tension → Produits de Contrôle, Protection et sécurité machines → Contacteurs → Contacteurs monoblocs → UA and UA..RA Contactors → UA95

