

PRODUCT-DETAILS

UA95-30-00-81

UA95-30-00 24V 50Hz / 24V 60Hz Contactor



Informations générales

|                              |  |
|------------------------------|--|
| Extension du type de produit | UA95-30-00-81  |
| Code de produit              | 1SFL431022R8100  |
| EAN                          | 7320500144589  |
| Description courte           | UA95-30-00 24V 50Hz / 24V 60Hz Contactor   |
| Description longue           | A 3-phase Contactor suitable for Capacitor switching application. Maximum permissible peak current 30 times the nominal RMS current. Operated with a control voltage, versions from 24V to 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  | 90 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                            | 0  |
| Number of Auxiliary Contacts NC                            | 0  |
| 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 24 V<br>60 Hz 24 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 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 1 x 10 ... 70 mm <sup>2</sup><br>Rigid 1 x 10 ... 95 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 1x0.75 ... 2.5 mm <sup>2</sup><br>Solid 2 x 1 ... 4 mm <sup>2</sup><br>Stranded 2 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      | 7320500144589 |

## 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 IDEA (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

