

PRODUCT-DETAILS

UA110-30-00RA-85

UA110-30-00RA 380-400V 50Hz Contactor



Informations générales

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| Extension du type de produit | UA110-30-00RA-85 |
| Code de produit | 1SFL451024R8500 |
| EAN | 7320500260562 |
| Description courte | UA110-30-00RA 380-400V 50Hz Contactor |
| Description longue | A 3-phase Contactor suitable for Capacitor switching application. Maximum permissible peak current 100 times the nominal RMS current. Operated with a control voltage, versions from 24V AC, 690 V |

Commande

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

Downloads Préférés

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

Dimensions

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| Produit Largeur Net | 90 mm |
| Produit Longueur Net | 155.6 mm |
| Produit Hauteur Net | 170 mm |
| Poids net | 1.8 kg |

Technique

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| 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 Hz |
| Courant thermique conventionnel à l'air libre (I_{th}) | acc. to IEC 60947-4-1, Open Contactors $\Theta = 40\text{ °C}$ 160 A |
| Courant assignée d'emploi AC-1 (I_e) | (690 V) 40 °C 160 A (690 V) 55 °C 145 A (690 V) 60 °C 145 A (690 V) 70 °C 130 A |
| Courant assignée d'emploi AC-3 (I_e) | (415 V) 55 °C 110 A (440 V) 55 °C 100 A (500 V) 55 °C 100 A (690 V) 55 °C 82 A (1000 V) 55 °C 30 A (380 / 400 V) 55 °C 110 A (220 / 230 / 240 V) 55 °C 110 |
| Rated Operational Power AC-6b (P_e) | (230 / 240 V) 40 °C, 50 / 60 Hz 45 kvar (230 / 240 V) 55 °C, 50 / 60 Hz 40 kvar (230 / 240 V) 70 °C, 50 / 60 Hz 35 kvar (400 / 415 V) 40 °C, 50 / 60 Hz 80 kvar (400 / 415 V) 70 °C, 50 / 60 Hz 60 kvar (400 / 415 V) 55 °C, 50 / 60 Hz 70 kvar (440 V) 40 °C, 50 / 60 Hz 85 kvar (440 V) 55 °C, 50 / 60 Hz 75 kvar (440 V) 70 °C, 50 / 60 Hz 70 kvar (500 / 550 V), 40 °C, 50 / 60 Hz 95 kvar (500 / 550 V) 55 °C, 50 / 60 Hz 82 kvar (500 / 550 V) 70 °C, 50 / 60 Hz 78 kvar (690 V) 40 °C, 50 / 60 Hz 130 kvar (690 V) 55 °C, 50 / 60 Hz 110 kvar (690 V) 70 °C, 50 / 60 Hz 100 kvar |
| Pouvoir assigné de coupure AC-3 | 8 x I_e AC-3 |
| Pouvoir assigné de fermeture AC-3 | 10 x I_e AC-3 |
| Maximum Breaking Capacity | cos phi=0.45 (cos phi=0.35 for $I_e > 100$ A) at 440 V 1160 A cos phi=0.45 (cos phi=0.35 for $I_e > 100$ A) at 690 V 800 A |
| Maximum Electrical Switching Frequency | (AC-1) 300 cycles per hour (AC-2 / AC-4) 150 cycles per hour (AC-3) 300 cycles per hour |
| Tension assignée d'isolement (U_i) | acc. to IEC 60947-4-1 and VDE 0110 (Gr. C) 1000 V acc. to UL/CSA 600 V |
| Tension assignée de tenue aux chocs (U_{imp}) | Circuit principal 8 kV |
| Durabilite mecanique | 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 $\theta \leq 70\text{ °C}$) |

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| Rated Control Circuit Voltage (U_c) | 50 Hz 380 ... 400 V 60 Hz 400 ... 415 V |
| Coil Consumption | Holding at Max. Rated Control Circuit Voltage 50 Hz 22 V·A Holding at Max. Rated Control Circuit Voltage 60 Hz 26 V·A Pull-in at Max. Rated Control Circuit Voltage 50 Hz 350 V·A 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 ² Flexible with Cable End 2 x 6 ... 35 mm ² Rigid 1 x 10 ... 95 mm ² |
| Connecting Capacity Auxiliary Circuit | Flexible with Ferrule 2x 0.75 ... 2.5 mm ² Flexible with Insulated Ferrule 2x 0.75 ... 2.5 mm ² Flexible 2x0.75 ... 2.5 mm ² Solid 2 x 1 ... 4 mm ² Stranded 2 x 1 ... 4 mm ² |
| Indice de protection | acc. to IEC 60529, IEC 60947-1, EN 60529 Coil Terminals IP20 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

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

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| Température de l'air ambiant | Close to Contactor Fitted with Thermal O/L Relay (0.85 ... 1.1 U_c) -25 ... 50 °C Close to Contactor without Thermal O/L Relay (0.85 ... 1.1 U_c) -40 ... 70 °C 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 Direction: A 20 g Half-sine Pulse for 11 ms, No Change in Contact Position, Closed, Shock Direction: A 20 g Half-sine Pulse for 11 ms, No Change in Contact Position, Closed, Shock Direction: B1 15 g Half-sine Pulse for 11 ms, No Change in Contact Position, Closed, Shock Direction: C1 20 g Half-sine Pulse for 11 ms, No Change in Contact Position, Closed, Shock Direction: C2 20 g Half-sine Pulse for 11 ms, No Change in Contact Position, Open, Shock Direction: B1 5 g Half-sine Pulse for 11 ms, No Change in Contact Position, Open, Shock Direction: B2 15 g Half-sine Pulse for 11 ms, No Change in Contact Position, Open, Shock Direction: C1 20 g Half-sine Pulse for 11 ms, No Change in Contact Position, Open, Shock 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)

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|-------------------|------------------|
| CB Certificate | SE-72477 |
| Certificat ecULus | 20160916- E36588 |

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| Déclaration de Conformité - CE | 2CMT2015-005436 |
| Declaration of Conformity - UKCA | 2CMT2020-006118 |

Emballage

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| Emballage Niveau 1 Unités | box 1 pièce |
| Emballage Niveau 1 Largeur | 170 mm |
| Emballage Niveau 1 Longueur | 140 mm |
| Emballage Niveau 1 Hauteur | 170 mm |
| Emballage Niveau 1 Poids | 2 kg |
| Emballage Niveau 1 EAN | 7320500260562 |

Classifications

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| 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 → UA110RA

