

PRODUCT-DETAILS

UA110-30-11-84

UA110-30-11 110V 50Hz / 110-120V 60Hz

Contactor



Informations générales

Extension du type de produit	UA110-30-11-84
Code de produit	1SFL451022R8411
EAN	7320500189252
Description courte	UA110-30-11 110V 50Hz / 110-120V 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	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 $\Theta = 40\text{ °C}$ 160 A
Rated Operational Power AC-6b (P_e)	(230 / 240 V) 40 °C, 50 / 60 Hz 40 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 75 kvar (400 / 415 V) 70 °C, 50 / 60 Hz 65 kvar (400 / 415 V) 55 °C, 50 / 60 Hz 70 kvar (440 V) 40 °C, 50 / 60 Hz 75 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 80 kvar (500 / 550 V) 55 °C, 50 / 60 Hz 80 kvar (500 / 550 V) 70 °C, 50 / 60 Hz 75 kvar (690 V) 40 °C, 50 / 60 Hz 90 kvar (690 V) 55 °C, 50 / 60 Hz 90 kvar (690 V) 70 °C, 50 / 60 Hz 85 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 at 40 °C Ambient Temp, in Free Air, from a Cold State 15 min 175 A at 40 °C Ambient Temp, in Free Air, from a Cold State 1 min 350 A at 40 °C Ambient Temp, in Free Air, from a Cold State 1 s 1320 A 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 $I_e > 100\text{ A}$) at 440 V 1160 A cos phi=0.45 (cos phi=0.35 for $I_e > 100\text{ A}$) 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 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 110 V 60 Hz 110 ... 120 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 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 ² Flexible with Cable End 1 x 10 ... 70 mm ² Rigid 1 x 10 ... 95 mm ²
Connecting Capacity Auxiliary Circuit	Flexible with Ferrule 1x 0.75 ... 2.5 mm ² Flexible with Insulated Ferrule 2x 0.75 ... 2.5 mm ² Flexible 1x0.75 ... 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

Maximum Operating Voltage UL/CSA	Circuit principal 600 V
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Environnement

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)

CB Certificate	SE-72473
CQC Certificate	CQC2003010304088242 CQC2009010304353513
Certificat ecULus	20160916- E36588
Declaration of Conformity - CCC	2020980304001551 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	7320500189252

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 → UA110

