

PRODUCT-DETAILS

UA95-30-11-83

UA95-30-11 48V 50Hz / 48V 60Hz Contactor



Algemene informatie

Type	UA95-30-11-83
Artikelnummer	1SFL431022R8311
EAN	7320500149508
Omschrijving	UA95-30-11 48V 50Hz / 48V 60Hz Contactor
Omschrijving	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

Ordering

Minimale bestelhoeveelheid	1 stuk
Numer douanetarief	85364900

Popular Downloads

Gegevensblad, technische informatie	1SBC101145L0202
Instructies en handleidingen	5309660-60

CAD Dimensional
Drawing

2CDC001079B0201

Dimensions

Product netto breedte	102 mm
Product netto diepte	123.5 mm
Product netto hoogte	148 mm
Product netto gewicht	1.8 kg

Technical

Aantal hoofdcontacten NO	3
Aantal hoofdcontacten NC	0
Aantal hulpcontacten NO	1
Aantal hulpcontacten NC	1
Nominaal bedrijfsvoltage	Main Circuit 1000 V
Toegekende frequentie (f)	Main Circuit 50 / 60 Hz
Conventionele vrije-lucht thermische stroom (I_{th})	acc. to IEC 60947-4-1, Open Contactors $\Theta = 40^\circ\text{C}$ 145 A
Nominale bedrijfsvermogen AC-3 (P_e)	(380 / 400 V) 45 kW
Nominale bedrijfsvermogen AC-6b (P_e)	(230 / 240 V) 40 °C, 50 / 60 Hz 35 kvar (230 / 240 V) 55 °C, 50 / 60 Hz 35 kvar (230 / 240 V) 70 °C, 50 / 60 Hz 30 kvar (400 / 415 V) 40 °C, 50 / 60 Hz 65 kvar (400 / 415 V) 70 °C, 50 / 60 Hz 55 kvar (400 / 415 V) 55 °C, 50 / 60 Hz 65 kvar (440 V) 40 °C, 50 / 60 Hz 65 kvar (440 V) 55 °C, 50 / 60 Hz 65 kvar (440 V) 70 °C, 50 / 60 Hz 55 kvar (500 / 550 V), 40 °C, 50 / 60 Hz 70 kvar (500 / 550 V) 55 °C, 50 / 60 Hz 70 kvar (500 / 550 V) 70 °C, 50 / 60 Hz 60 kvar (690 V) 40 °C, 50 / 60 Hz 80 kvar (690 V) 55 °C, 50 / 60 Hz 80 kvar (690 V) 70 °C, 50 / 60 Hz 70 kvar
Nominale kortstondige grensstroom (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 160 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
Maximale breekcapaciteit	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
Maximale elektrische schakelfrequentie	240 omwentelingen per uur
Nominaal isolatievoltage (U_i)	acc. to IEC 60947-4-1 and VDE 0110 (Gr. C) 1000 V acc. to UL/CSA 600 V
Nominale impuls grensvoltage (U_{imp})	Main Circuit 8 kV
Mechanische duurzaamheid	10 million
Maximale mechanische schakelfrequentie	3600 omwentelingen per uur

Spoel operationele limieten	(acc. to IEC 60947-4-1) 0.85 x U _c Min. ... 1.1 x U _c Max. (at $\theta \leq 70\text{ }^{\circ}\text{C}$)
Nominale stuurstroomkringspanning (U _c)	50 Hz 48 V 60 Hz 48 V
Spoelverbruik	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
Bedieningstijd	Between Coil De-energization and NC Contact Closing 7 ... 15 ms Between Coil De-energization and NO Contact Opening 10 ... 18 ms Between Coil Energization and NC Contact Opening 7 ... 22 ms Between Coil Energization and NO Contact Closing 10 ... 25 ms
Verbindingscapaciteit hoofdcircuit	Bar 30 mm ² Flexible with Cable End 2 x 6 ... 35 mm ² Rigid 1 x 10 ... 95 mm ²
Verbindingscapaciteit hulpcircuit	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 1 x 1 ... 4 mm ²
Beschermingsgraad	acc. to IEC 60529, IEC 60947-1, EN 60529 Coil Terminals IP20 acc. to IEC 60529, IEC 60947-1, EN 60529 Main Terminals IP10
Aansluitklemmen (geleverd in open positie) Hoofdpolen	M8 hexagon socket screw with single connector
Terminaltype	Cable Clamp

Technical UL/CSA

Maximale bedrijfsspanning UL/CSA	Main Circuit 600 V
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Environmental

Omgevingsluchttemperatuur	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 bij schakelaar voor opslag -60 ... +80 °C
Maximale werkhoogte toegestaan	Without Derating 3000 m
Schokweerstand volgens IEC 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
RoHS-status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019

Certificates and Declarations

CB-certificaat	SE-72472
CQC-certificaat	CQC2003010304088242 CQC2009010304353513
cULus-certificaat	20160916- E36588
Declaration of Conformity - CCC	2020980304001551 2020980304001055
Conformiteitsverklaring - CE	2CMT2015-005436
Declaration of Conformity - UKCA	2CMT2020-006118

Container Information

Pakketniveau 1 Units	doos 1 stuk
Pakketniveau 1 Breedte	130 mm
Pakketniveau 1 Lengte	265 mm
Pakketniveau 1 Hoogte	162 mm
Pakketniveau 1 Brutogewicht	2 kg
Pakketniveau 1 EAN	7320500149508

Classifications

Object classificatiecode	Q
ETIM 4	EC001079 - Capacitor magnet contactor
ETIM 5	EC001079 - Capacitor magnet contactor
ETIM 6	EC001079 - Condensatormagneetschakelaar
ETIM 7	EC001079 - Capacitor contactor
ETIM 8	EC001079 - Condensatormagneetschakelaar
eClass	V11.0 : 27371006
UNSPSC	39121529
IGCC (IDEA granulaire categoriecode)	4756 >> Capacitor magnet contactor

Categorieën

Laagspanningsproducten en -systemen → Control Producten → Magneetschakelaars → Magneetschakelaars → UA- en UA..RA-schakelaars

