

PRODUCT-DETAILS

UA95-30-00-80

UA95-30-00 220-230V 50Hz / 230-240V 60Hz

Contactor



Información General

Extended Product Type	UA95-30-00-80
Product ID	1SFL431022R8000
EAN	7320500144572
Catalog Description	UA95-30-00 220-230V 50Hz / 230-240V 60Hz Contactor
Long Description	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

Clasificaciones

Object Classification Code	Q
ETIM 4	EC001079 - Capacitor magnet contactor
ETIM 5	EC001079 - Capacitor magnet contactor
ETIM 6	EC001079 - Capacitor contactor
ETIM 7	EC001079 - Capacitor contactor
UNSPSC	39121529
IDEA Granular Category Code (IGCC)	4755 >> Contactors

Información de Embalaje

Package Level 1 Units	box 1 piece
Package Level 1 Width	130 mm
Package Level 1 Depth / Length	265 mm
Package Level 1 Height	162 mm
Package Level 1 Gross Weight	2 kg
Package Level 1 EAN	7320500144572

Certificados y Declaraciones (Número de Documento)

CB Certificate	SE-72472
CCC Certificate	CQC_2003010304088242
cULus Certificate	20160916- E36588
Declaration of Conformity - CE	2CMT2015-005436
Environmental Information	1SFC101001D0201
Instructions and Manuals	5309660-60
RoHS Information	2CMT2015-005436

Technical UL/CSA

Maximum Operating Voltage UL/CSA	Main Circuit 600 V
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Ambiente

Ambient Air Temperature	Close to Contactor for Storage -60 ... +80 °C Close to Contactor Fitted with Thermal O/L Relay (0.85 ... 1.1 Uc) -25 ... +50 °C Close to Contactor without Thermal O/L Relay (0.85 ... 1.1 Uc) -40 ... +70 °C
Maximum Operating Altitude Permissible	3000 m
Resistance to Shock acc. to IEC 60068-2-27	Half-sine Pulse for 11 ms, No Change in Contact Position, Open, Shock Direction: A 20 K40 Half-sine Pulse for 11 ms, No Change in Contact Position, Closed, Shock Direction: A 20 K40 Half-sine Pulse for 11 ms, No Change in Contact Position, Closed, Shock Direction: B1 15 K40 Half-sine Pulse for 11 ms, No Change in Contact Position, Closed, Shock Direction: C1 20 K40 Half-sine Pulse for 11 ms, No Change in Contact Position, Closed, Shock Direction: C2 20 K40 Half-sine Pulse for 11 ms, No Change in Contact Position, Open, Shock Direction: B1 5 K40 Half-sine Pulse for 11 ms, No Change in Contact Position, Open, Shock Direction: B2 15 K40 Half-sine Pulse for 11 ms, No Change in Contact Position, Open, Shock Direction: C1 20 K40 Half-sine Pulse for 11 ms, No Change in Contact Position, Open, Shock Direction: C2 20 K40
RoHS Status	Following EU Directive 2011/65/EU

Technical

Number of Main Contacts NO	3
Number of Main Contacts NC	0
Number of Auxiliary Contacts NO	0
Number of Auxiliary Contacts NC	0
Rated Operational Voltage	Main Circuit 1000 V
Rated Frequency (f)	Main Circuit 50/60 Hz
Conventional Free-air Thermal Current (I_{th})	acc. to IEC 60947-4-1, Open Contactors q = 40 °C 145 A
Rated Operational Power AC-3 (P_e)	(380 / 400 V) 45.0 kW
Rated Operational Power AC-6b (P_e)	(230 / 240 V) 40 °C, 50 / 60 Hz 35 KVR (230 / 240 V) 55 °C, 50 / 60 Hz 35 KVR (230 / 240 V) 70 °C, 50 / 60 Hz 30 KVR (400 / 415 V) 40 °C, 50 / 60 Hz 65 KVR (400 / 415 V) 70 °C, 50 / 60 Hz 55 KVR (400 / 415 V) 55 °C, 50 / 60 Hz 65 KVR (440 V) 40 °C, 50 / 60 Hz 65 KVR (440 V) 55 °C, 50 / 60 Hz 65 KVR (440 V) 70 °C, 50 / 60 Hz 55 KVR (500 / 550 V), 40 °C, 50 / 60 Hz 70 KVR (500 / 550 V) 55 °C, 50 / 60 Hz 70 KVR (500 / 550 V) 70 °C, 50 / 60 Hz 60 KVR (690 V) 40 °C, 50 / 60 Hz 80 KVR (690 V) 55 °C, 50 / 60 Hz 80 KVR (690 V) 70 °C, 50 / 60 Hz 70 KVR
Rated Short-time Withstand Current (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
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	240 cycles per hour
Rated Insulation Voltage (U_i)	acc. to UL/CSA 600 V acc. to IEC 60947-4-1 and VDE 0110 (Gr. C) 1000 V
Rated Impulse Withstand Voltage (U_{imp})	Main Circuit 8 kV
Mechanical Durability	10 million
Maximum Mechanical Switching Frequency	3600 cycles per hour
Coil Operating Limits	(acc. to IEC 60947-4-1) 0.85 x U_c Min. ... 1.1 x U_c Max. (at $\theta \leq 70$ °C)
Rated Control Circuit Voltage (U_c)	50 Hz 220 ... 230 V 60 Hz 230 ... 240 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
Operate Time	Between Coil De-energization and NC Contact Closing 7 ... 15 ms Between Coil Energization and NO Contact Closing 10 ... 25 ms
Connecting Capacity Main Circuit	Bar 30 m² Flexible with Cable End 2 x 6 ... 35 m² Rigid 1 x 10 ... 95 m²
Connecting Capacity Auxiliary Circuit	Flexible with Ferrule 2x 0.75 ... 2.5 Flexible with Insulated Ferrule 2x 0.75 ... 2.5

	Flexible 2x0.75 ... 2.5 m²
	Solid 2 x 1 ... 4 m²
	Stranded 1 x 1 4 m²
Degree of 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
Terminal Type	Cable Clamp

Dimensiones

Product Net Width	90 mm
Product Net Depth / Length	123.5 mm
Product Net Height	148 mm
Product Net Weight	1.8 kg

Descargas Populares

Data Sheet, Technical Information	1SBC100192C0206
Instructions and Manuals	5309660-60

Clasificación

Minimum Order Quantity	1 piece
Customs Tariff Number	85364900

Categorias

Productos y sistemas de baja tensión → Aparatos de control → Contactores → Contactores → UA and UA..RA Contactors

