

UA95-30-00-36



UA95-30-00 190V 50Hz / 220V 60Hz Contactor

General Information

Extended Product Type	UA95-30-00-36
Product ID	1SFL431022R3600
EAN	7320500144329
Catalog Description	UA95-30-00 190V 50Hz / 220V 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

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85364900

Popular Downloads

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

Dimensions

Product Net Width	90 mm
Product Net Depth / Length	123.5 mm
Product Net Height	148 mm
Product Net Weight	2 kg

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 $q = 40^\circ\text{C}$ 145 A
Rated Short-time Withstand Current (I_{cw})	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 30 s 500 A 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 1 s 1320 A at 40 °C Ambient Temp, in Free Air, from a Cold State 1 min 350 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 θ ≤ 70 °C) °C
Rated Control Circuit Voltage (U _c)	60 Hz 220 V 50 Hz 190 V
Coil Consumption	Pull-in at Max. Rated Control Circuit Voltage 60 Hz 450 V·A Holding at Max. Rated Control Circuit Voltage 50 Hz 22 V·A Pull-in at Max. Rated Control Circuit Voltage 50 Hz 350 V·A Holding at Max. Rated Control Circuit Voltage 60 Hz 26 V·A
Operate Time	Between Coil Energization and NO Contact Closing 10 ... 25 ms Between Coil De-energization and NC Contact Closing 7 ... 15 ms
Connecting Capacity Main Circuit	Flexible with Cable End 2 x 6 ... 35 mm ² Bar 30 mm ² Rigid 1 x 10 ... 95 mm ²
Connecting Capacity Auxiliary Circuit	Solid 2 x 1 ... 4 mm ² Flexible with Insulated Ferrule 2 x 0.75 ... 2.5 mm ² Stranded 2 x 1 ... 4 mm ² Flexible 2x0.75 ... 2.5 mm ² Flexible with Ferrule 2 x 0.75 ... 2.5 mm ²
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

Environmental

Ambient Air Temperature	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
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 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: A 20 g Half-sine Pulse for 11 ms, No Change in Contact Position, Open, Shock Direction: C2 20 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: B2 15 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, Closed, Shock Direction: C1 20 g
RoHS Status	Following EU Directive 2011/65/EU

Technical UL/CSA

Maximum Operating Voltage UL/CSA	Main Circuit 600 V
----------------------------------	--------------------

Certificates and Declarations (Document Number)

CB Certificate	SE-72472
CCC Certificate	CQC_2003010304088242

Declaration of Conformity - CE	2CMT2015-005436
Environmental Information	1SFC101001D0201
Instructions and Manuals	5309660-60
RoHS Information	2CMT2016-006307

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	140 mm
Package Level 1 Depth / Length	140 mm
Package Level 1 Height	170 mm
Package Level 1 Gross Weight	2 kg
Package Level 1 EAN	7320500144329

Classifications

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

Categories

Low Voltage Products and Systems → Control Products → Contactors → Block Contactors

