

AL40-30-10 24V DC

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General Information

Extended Product Type:	AL40-30-10 24V DC
Product ID:	1SBL323001R8110
EAN:	3471522289810
Catalog Description:	AL40-30-10 24V DC Contactor
Long Description:	AL40 contactors are mainly used for controlling 3-phase motors and generally for controlling power circuits up to 690 V AC or 220 V DC. The contactors can also be used for many other applications such as isolation, capacitor switching, lighting. The AL... series 1-stack 3-pole contactors are of the block type design. - Main poles and auxiliary contact blocks: 3 main poles, 1 built-in auxiliary contact, front and side-mounted add-on auxiliary contact blocks - Control circuit: DC operated with solid core magnet circuit. The polarity on the coil terminals (A1+ and A2-) must be respected - Accessories: a wide range of accessories is available. AL... contactors are fitted with low consumption DC coils and are suitable for a direct control by PLC outputs.



Categories

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

Ordering

EAN:	3471522289810
Minimum Order Quantity:	1 piece
Customs Tariff Number:	85369085

Dimensions

Product Net Width:	54.0 mm
Product Net Depth:	125.3 mm
Product Net Height:	90.0 mm
Product Net Weight:	0.850 kg

Container Information

Package Level 1 Units:	1 piece
Package Level 1 Width:	100 mm
Package Level 1 Length:	134 mm
Package Level 1 Height:	61 mm
Package Level 1 Gross Weight:	0.85000 kg
Package Level 1 EAN:	3471522289810
Package Level 2 Units:	20 piece
Package Level 3 Units:	384 piece

Environmental

Ambient Air Temperature:	Close to Contactor Fitted with Thermal O/L Relay -25 ... +55 °C Close to Contactor for Storage -60 ... +80 °C
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	Close to Contactor without Thermal O/L Relay (0.85 - 1.1 Uc) -40 ... +55 °C Close to Contactor without Thermal O/L Relay (Uc) -40 ... +70 °C
Maximum Operating Altitude Permissible:	3000 m
Resistance to Shock acc. to IEC 60068-2-27:	Closed, Shock Direction: A 20 g Open, Shock Direction: A 10 g Closed, Shock Direction: B1 15 g Open, Shock Direction: B1 5 g Shock Direction: B2 10 g Closed, Shock Direction: C1 20 g Open, Shock Direction: C1 8 g Closed, Shock Direction: C2 14 g Open, Shock Direction: C2 8 g
RoHS Status:	Following EU Directive 2002/95/EC August 18, 2005 and amendment

Technical

Rated Operational Power AC-3 (P_e):	(220 / 230 / 240V) 11 kW (380 / 400V) 18.5 kW (415V) 18.5 kW (440V) 22 kW (500V) 22 kW (690V) 18.5 kW
Rated Operational Current AC-1 (I_e):	(690V) 40°C 60 A (690V) 55°C 60 A (690V) 70°C 42 A
Number of Main Contacts NO:	3
Number of Main Contacts NC:	0
Number of Auxiliary Contacts NO:	1
Number of Auxiliary Contacts NC:	0
Rated Control Circuit Voltage (U_c):	DC Operation 24 V
Terminal Type:	Screw Terminals
Coil Consumption:	Average Holding Value, from Warm State 3.5 W Average Pull-in Value, from Cold State 3.5 W

Certificates and Declarations (Document Number)

ASEFA Certificate:	ASEFA_05703BT
CB Certificate:	CB_FR3193_60016914_509747
CCC Certificate:	CCC_2004010304112235
CSA Certificate:	CSA_1033838_LR056745
Declaration of Conformity - CE:	1SBD250842C4000
GL Certificate:	GL_26144_05HH
GOST Certificate:	GOST_POCCFRME77B07175
LOVAG Certificate:	LOVAG_FR03026-FR03034
RoHS Information:	1SBD350055R1000

Classifications

E-number:	3228461
UNSPSC:	39121529