



PRODUCT-DETAILS

A9-40-00RT 110-120V60Hz 110V50Hz  
A9-40-00RT 110-120V60Hz 110V50Hz  
Contactor



General Information

Extended Product Type	A9-40-00RT 110-120V60Hz 110V50Hz
Product ID	1SBL141210R8400
EAN	3471522262240
Catalog Description	A9-40-00RT 110-120V60Hz 110V50Hz Contactor
Long Description	A 9 4-pole contactors are mainly used for controlling non-inductive or slightly inductive loads (i.e. resistance furnaces...) and generally for controlling power circuits up to 690 V AC and 440 V DC. The contactors can also be used for many other applications such lighting... The A... series 4-pole contactors are of the block type design. - Main poles and auxiliary contact blocks: 4 N.O. main poles, front and side-mounted add-on auxiliary contact blocks - Control circuit: AC operated with laminated magnet circuit - Accessories: a wide range of accessories is available.

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85364900

Popular Downloads

Data Sheet, Technical	1SBC101015D0203
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Information

Instructions and Manuals

1SBC101001M5501

Dimensions

Product Net Width	44 mm
Product Net Depth / Length	74 mm
Product Net Height	74 mm
Product Net Weight	0.34 kg

Technical

Number of Main Contacts NO	4
Number of Main Contacts NC	0
Number of Auxiliary Contacts NO	0
Number of Auxiliary Contacts NC	0
Number of Poles	4P
Rated Operational Voltage	Main Circuit 690 V
Rated Frequency (f)	Control Circuit 50 / 60 Hz
Rated Operational Current AC-1 (I <sub>e</sub> )	(690 V) 40 °C 25 A (690 V) 55 °C 22 A (690 V) 70 °C 18 A
Rated Operational Current AC-3 (I <sub>e</sub> )	(415 V) 55 °C 9 A (440 V) 55 °C 9 A (500 V) 55 °C 9 A (690 V) 55 °C 7 A (380 / 400 V) 55 °C 9 A (220 / 230 / 240 V) 55 °C 9
Rated Operational Power AC-3 (P <sub>e</sub> )	(415 V) 4 kW (440 V) 4 kW (500 V) 5.5 kW (690 V) 5.5 kW (380 / 400 V) 4 kW (220 / 230 / 240 V) 2.2 kW
Rated Short-time Withstand Current Low Voltage (I <sub>cw</sub> )	at 40 °C Ambient Temp, in Free Air, from a Cold State 10 s 100 A at 40 °C Ambient Temp, in Free Air, from a Cold State 15 min 26 A at 40 °C Ambient Temp, in Free Air, from a Cold State 1 min 50 A at 40 °C Ambient Temp, in Free Air, from a Cold State 1 s 250 A at 40 °C Ambient Temp, in Free Air, from a Cold State 30 s 60 A
Maximum Breaking Capacity	cos phi=0.45 (cos phi=0.35 for I <sub>e</sub> > 100 A) at 440 V 250 A cos phi=0.45 (cos phi=0.35 for I <sub>e</sub> > 100 A) at 690 V 90 A
Rated Insulation Voltage (U <sub>i</sub> )	acc. to IEC 60947-4-1 690 V acc. to UL/CSA 600 V
Rated Impulse Withstand Voltage (U <sub>imp</sub> )	6 kV
Rated Control Circuit Voltage (U <sub>c</sub> )	50 Hz 110 V 60 Hz 110 ... 120 V
Power Loss	at Rated Operating Conditions AC-1 per Pole 0.8 W at Rated Operating Conditions AC-3 per Pole 0.1 W
Mounting on DIN Rail	TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715
Mounting by Screws (not supplied)	2 x M4 screws placed diagonally
Degree of Protection	acc. to IEC 60529, IEC 60947-1, EN 60529 Coil Terminals IP10 acc. to IEC 60529, IEC 60947-1, EN 60529 Main Terminals IP10
Terminal Type	Ring-Tongue Terminals
Product Name	Block Contactor

<b>Technical UL/CSA</b>	
General Use Rating	(600 V AC) 21 A
UL/CSA	

<b>Environmental</b>	
Ambient Air Temperature	Close to Contactor for Storage -60 ... +80 °C Near Contactor for Operation in Free Air (0.85 ... 1.1 Uc) -40 ... +55 °C Near Contactor for Operation in Free Air (Uc) -40 ... 70 °C
Maximum Operating Altitude Permissible	Without Derating 3000 m

<b>Material Compliance</b>	
Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
REACH Declaration	2CMT2021-006202
RoHS Information	2CMT2021-006277
RoHS Status	Following EU Directive 2011/65/EU
Toxic Substances Control Act - TSCA	2CMT2023-006525
WEEE B2C / B2B	Business To Business
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

<b>Certificates and Declarations</b>	
CQC Certificate	CQC2013010304615753 CQC2018010304059156 CQC2004010309130463
CSA Certificate	CSA_1041746
Declaration of Conformity - CCC	2020980304001607 2020980304001616 2020980304001229
Declaration of Conformity - CE	1SBD250810U1000
Declaration of Conformity - UKCA	1SBD250827U1000
EAC Certificate	EAC RU C-FR ME77 B03599

<b>Container Information</b>	
Package Level 1 Units	1 piece
Package Level 1 Width	78 mm
Package Level 1 Depth / Length	76 mm
Package Level 1 Height	47 mm
Package Level 1 Gross Weight	0.34 kg
Package Level 1 EAN	3471522262240
Package Level 2 Units	box 63 piece
Package Level 2 Gross Weight	21.42 kg

<b>Classifications</b>	
Object Classification Code	Q
ETIM 7	EC000066 - Power contactor, AC switching
ETIM 8	EC000066 - Power contactor, AC switching

ETIM 9	EC000066 - Power contactor, AC switching
eClass	V11.0 : 27371003
UNSPSC	39121529
IDEA Granular Category Code (IGCC)	4760 >> Lighting Contactors

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## Categories

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

