

AF50-40-00 100-250V 50Hz / 100-250V 60Hz / 100-250V DC

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General Information

Extended Product Type:	AF50-40-00 100-250V 50Hz / 100-250V 60Hz / 100-250V DC
Product ID:	1SBL357201R7000
EAN:	3471522114808
Catalog Description:	AF50-40-00 100-250V 50Hz / 100-250V 60Hz / 100-250V DC Contactor
Long Description:	AF50 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 AF... contactors are fitted with an electronic coil interface which accepts a wide control voltage range, on AC 50/60 Hz or DC supplies. The same contactor can accept various supply voltages according to the different countries where the electrical equipment will be installed, or some fluctuation in the control voltage due to the local supply or network. The AF... contactors are also fully suitable for operation in AC or DC control circuit liable to voltage interruptions or voltage dip risks. Advantages: - Wide voltage range, e.g. 100 ... 250 V AC and DC - Can manage large voltage variations - Reduced power consumption - Very distinct closing and opening - Noise free - Can withstand voltage interruptions or voltage dips in the control supply (≤ 20 ms). The AF... 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 or DC operated - Accessories: a wide range of accessories is available.



Categories

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

Ordering

EAN:	3471522114808
Minimum Order Quantity:	1 piece
Customs Tariff Number:	85369085

Dimensions

Product Net Width:	92.0 mm
Product Net Depth:	119.5 mm
Product Net Height:	110.0 mm
Product Net Weight:	1.420 kg

Container Information

Package Level 1 Units:	1 piece
Package Level 1 Width:	142 mm
Package Level 1 Length:	190 mm
Package Level 1 Height:	136 mm
Package Level 1 Gross Weight:	1.42000 kg
Package Level 1 EAN:	3471522114808
Package Level 2 Units:	8 piece
Package Level 3 Units:	84 piece

Environmental

Ambient Air Temperature:	Near Contactor for Operation in Free Air -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:	Shock Direction: A 20 g Closed, Shock Direction: B1 10 g Open, Shock Direction: B1 5 g Shock Direction: B2 15 g Shock Direction: C1 20 g Shock Direction: C2 20 g
RoHS Status:	No declaration needed

Technical

Rated Operational Current AC-1 (I_{θ}):	(690V) 40°C 100 A (690V) 55°C 85 A (690V) 70°C 70 A
Number of Main Contacts NO:	4
Number of Main Contacts NC:	0
Number of Auxiliary Contacts NO:	0
Number of Auxiliary Contacts NC:	0
Rated Control Circuit Voltage (U_c):	50 Hz 100 ... 250 V 60 Hz 100 ... 250 V DC Operation 100 ... 250 V
Terminal Type:	Screw Terminals
Coil Consumption:	Pull-in at Max Rated Control Circuit Voltage 50Hz 210 V·A Pull-in at Max Rated Control Circuit Voltage 60Hz 210 V·A Holding at Max Rated Control Circuit Voltage 60Hz 7 V·A Holding at Max Rated Control Circuit Voltage 60Hz 2.8 W Holding at Max Rated Control Circuit Voltage 50Hz 7 V·A Holding at Max Rated Control Circuit Voltage 50Hz 2.8 W

Certificates and Declarations (Document Number)

CCC Certificate:	CCC_2008010304269002
Declaration of Conformity - CE:	1SBD250858C1000
EAC Certificate:	EAC_RU C-FR ME77 B01010
GOST Certificate:	GOST_POCCFRME77B07175
RoHS Information:	1SBC101059D0201

Classifications

UNSPSC:	39121529
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