

## AF38-30-00-12

**General Information**

<b>Extended Product Type:</b>	AF38-30-00-12
<b>Product ID:</b>	1SBL297001R1200
<b>EAN:</b>	3471523111523
<b>Catalog Description:</b>	AF38-30-00-12 48-130V50/60HZ-DC Contactor
<b>Long Description:</b>	AF38 contactors are used for controlling power circuits up to 690 V AC and 220 V DC. They are mainly used for controlling 3-phase motors, non-inductive or slightly inductive loads. AF... contactors include an electronic coil interface accepting a wide control voltage $U_c$ min. ... $U_c$ max. Only four coils cover control voltages between 24...500 V 50/60 Hz or 20...500 V DC. AF contactors can manage large control voltage variations. One coil can be used for different control voltages used worldwide without any coil change. AF contactors have built-in surge protection and do not require additional surge suppressors. The AF... series 1-stack 3-pole contactors are of the block type design. - Main poles and auxiliary contact blocks: 3 main poles, front and side-mounted add-on auxiliary contact blocks (mechanically-linked auxiliary contacts compliant with Annex L of IEC 60947-5-1. N.C. mirror contacts compliant with Annex F of IEC 60947-4-1) - 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**

<b>EAN:</b>	3471523111523
<b>Minimum Order Quantity:</b>	1 piece
<b>Customs Tariff Number:</b>	85369085

**Dimensions**

<b>Product Net Width:</b>	45.0 mm
<b>Product Net Depth:</b>	86.0 mm
<b>Product Net Height:</b>	86.0 mm
<b>Product Net Weight:</b>	0.310 kg

**Container Information**

<b>Package Level 1 Units:</b>	1 piece
<b>Package Level 1 Width:</b>	87 mm
<b>Package Level 1 Length:</b>	87 mm
<b>Package Level 1 Height:</b>	47 mm
<b>Package Level 1 Gross Weight:</b>	0.31000 kg
<b>Package Level 1 EAN:</b>	3471523111523
<b>Package Level 2 Units:</b>	45 piece
<b>Package Level 3 Units:</b>	1080 piece

**Environmental**

<b>Ambient Air Temperature:</b>	Close to Contactor for Storage -60...+80 °C Close to Contactor Fitted with Thermal O/L Relay -25 ... +60 °C Close to Contactor without Thermal O/L Relay -40 ... +70 °C
<b>Maximum Operating Altitude Permissible:</b>	3000 m
<b>Resistance to Shock acc. to IEC 60068-2-27:</b>	Closed, Shock Direction: B1 25 g Open, Shock Direction: B1 5 g Shock Direction: A 30 g Shock Direction: B2 15 g Shock Direction: C1 25 g Shock Direction: C2 25 g 5...300 Hz 4 g closed position / 2 g open position

**Resistance to Vibrations acc. to IEC****60068-2-6:****RoHS Status:**

Planned to follow EU Directive 2002/95/EC August 18, 2005 and amendment after 2008 Q1

**Technical**

<b>Rated Operational Power AC-3 (<math>P_e</math>):</b>	(220 / 230 / 240V) 11 kW (380 / 400V) 18.5 kW (415V) 18.5 kW (440V) 22 kW (500V) 22 kW (690V) 22 kW
<b>Rated Operational Current AC-1 (<math>I_e</math>):</b>	(690V) 40°C 50 A (690V) 60°C 42 A (690V) 70°C 37 A
<b>Number of Main Contacts NO:</b>	3
<b>Number of Main Contacts NC:</b>	0
<b>Number of Auxiliary Contacts NO:</b>	0
<b>Number of Auxiliary Contacts NC:</b>	0
<b>Rated Control Circuit Voltage (<math>U_c</math>):</b>	50 Hz 48...130 V 60 Hz 48...130 V DC Operation 48...130 V
<b>Terminal Type:</b>	Screw Terminals

**Technical UL/CSA**

<b>Tightening Torque UL/CSA:</b>	Control Circuit 11 in·lb Main Circuit 22 in·lb
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**Certificates and Declarations (Document Number)**

<b>CB Certificate:</b>	CB_SE_70856M1
<b>CCC Certificate:</b>	CCC_2010010304445623
<b>cUL Certificate:</b>	UL_20091124-E312527-7-1
<b>Declaration of Conformity - CE:</b>	1SBD250165C1000
<b>DNV Certificate:</b>	DNV_E12810
<b>EAC Certificate:</b>	EAC_RU C-FR ME77 B01010
<b>GL Certificate:</b>	GL_3786512HH
<b>GOST Certificate:</b>	GOST_POCCFR.ME77.B07175.pdf
<b>LR Certificate:</b>	LRS_1300087E1
<b>RINA Certificate:</b>	RINA_ELE084013XG
<b>RMRS Certificate:</b>	RMRS_1400682124
<b>RoHS Information:</b>	1SBD251012E1000

**Classifications**

<b>E-number:</b>	3211385
<b>UNSPSC:</b>	39121529

