

# AF30-30-00-11

## General Information

<b>Extended Product Type:</b>	AF30-30-00-11
<b>Product ID:</b>	1SBL277001R1100
<b>EAN:</b>	3471523111219
<b>Catalog Description:</b>	AF30-30-00-11 24-60V50/60HZ 20-60VDC Contactor
<b>Long Description:</b>	<p>AF30 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 <math>U_c \text{ min. } \dots U_c \text{ max.}</math> 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. Note: AF...-30-...-11 not suitable for a direct control by PLC-output. AF...-30-...-11 contactor type available in some countries: please consult your ABB representative.</p>



## Categories

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

## Ordering

<b>EAN:</b>	3471523111219
<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

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Package Level 1 Units:	1 piece
Package Level 1 Width:	87 mm
Package Level 1 Length:	87 mm
Package Level 1 Height:	47 mm
Package Level 1 Gross Weight:	0.31000 kg
Package Level 1 EAN:	3471523111219
Package Level 2 Units:	45 piece
Package Level 3 Units:	1080 piece

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## Environmental

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Ambient Air Temperature:	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
Maximum Operating Altitude Permissible:	3000 m
Resistance to Shock acc. to IEC 60068-2-27:	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
Resistance to Vibrations acc. to IEC 60068-2-6:	5...300 Hz 4 g closed position / 2 g open position
RoHS Status:	Planned to follow EU Directive 2002/95/EC August 18, 2005 and amendment after 2008 Q1

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## Technical

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Rated Operational Power AC-3 ( $P_e$ ):	(220 / 230 / 240V) 9 kW (380 / 400V) 15 kW (415V) 15 kW (440V) 18.5 kW (500V) 18.5 kW (690V) 18.5 kW
Rated Operational Current AC-1 ( $I_e$ ):	(690V) 40°C 50 A (690V) 60°C 42 A (690V) 70°C 37 A
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 Control Circuit Voltage ( $U_c$ ):	50 Hz 24...60 V 60 Hz 24...60 V DC Operation 20...60 V
Terminal Type:	Screw Terminals

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## Technical UL/CSA

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

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CB Certificate:	CB_SE_70856M1
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<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_1300087
<b>RINA Certificate:</b>	RINA_ELE084013XG
<b>RoHS Information:</b>	1SBD251012E1000

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## **Classifications**

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<b>E-nummer:</b>	3211345
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