

# AF12-30-10-13

## General Information

<b>Extended Product Type:</b>	AF12-30-10-13
<b>Product ID:</b>	1SBL157001R1310
<b>EAN:</b>	3471523110335
<b>Catalog Description:</b>	AF12-30-10-13 100-250V50/60HZ-DC Contactor
<b>Long Description:</b>	<p>AF12 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</math> min. ... <math>U_c</math> 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, 1 built-in auxiliary contact, 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.</p>



## Categories

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

## Ordering

<b>EAN:</b>	3471523110335
<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>	77.0 mm
<b>Product Net Height:</b>	86.0 mm
<b>Product Net Weight:</b>	0.270 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>	79 mm
<b>Package Level 1 Height:</b>	47 mm
<b>Package Level 1 Gross Weight:</b>	0.27000 kg
<b>Package Level 1 EAN:</b>	3471523110335
<b>Package Level 2 Units:</b>	54 piece
<b>Package Level 3 Units:</b>	1296 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
<b>Resistance to Vibrations acc. to IEC 60068-2-6:</b>	5...300 Hz 4 g closed position / 2 g open position
<b>RoHS Status:</b>	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) 3 kW (380 / 400V) 5.5 kW (415V) 5.5 kW (440V) 5.5 kW (500V) 7.5 kW (690V) 7.5 kW
<b>Rated Operational Current AC-1 (<math>I_e</math>):</b>	(690V) 40°C 28 A (690V) 60°C 28 A (690V) 70°C 24 A
<b>Number of Main Contacts NO:</b>	3
<b>Number of Main Contacts NC:</b>	0
<b>Number of Auxiliary Contacts NO:</b>	1
<b>Number of Auxiliary Contacts NC:</b>	0
<b>Rated Control Circuit Voltage (<math>U_c</math>):</b>	50 Hz 100...250 V 60 Hz 100...250 V DC Operation 100...250 V
<b>Terminal Type:</b>	Screw Terminals

## Technical UL/CSA

<b>Tightening Torque UL/CSA:</b>	Auxiliary Circuit 11 in·lb Control Circuit 11 in·lb Main Circuit 13 in·lb
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## Certificates and Declarations (Document Number)

<b>CB Certificate:</b>	CB_SE_70855M1
<b>CCC Certificate:</b>	CCC_2010010304445624
<b>cUL Certificate:</b>	UL_20091124-E312527-7-1

<b>Declaration of Conformity - CE:</b>	1SBD250164C3000
<b>DNV Certificate:</b>	DNV_E12810
<b>EAC Certificate:</b>	EAC_RU C-FR ME77 B01010
<b>GL Certificate:</b>	GL_3786412HH
<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>	1SBD251013E1000

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## **Classifications**

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<b>E-nummer:</b>	3211364
<b>UNSPSC:</b>	39121529

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