

## AF16-30-10-14

**General Information**

<b>Extended Product Type:</b>	AF16-30-10-14
<b>Product ID:</b>	1SBL177001R1410
<b>EAN:</b>	3471523110649
<b>Catalog Description:</b>	AF16-30-10-14 250-500V50/60HZ-DC Contactor
<b>Long Description:</b>	AF16 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, 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.

**Categories**

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

**Ordering**

<b>EAN:</b>	3471523110649
<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>	0.310 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>	79 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>	3471523110649
<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

**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

## Technical

**Rated Operational Power AC-3 ( $P_e$ ):** (220 / 230 / 240V) 4 kW  
(380 / 400V) 7.5 kW  
(415V) 9 kW  
(440V) 9 kW  
(500V) 9 kW  
(690V) 9 kW

**Rated Operational Current AC-1 ( $I_e$ ):** (690V) 40°C 30 A  
(690V) 60°C 30 A  
(690V) 70°C 26 A

**Number of Main Contacts NO:** 3

**Number of Main Contacts NC:** 0

**Number of Auxiliary Contacts NO:** 1

**Number of Auxiliary Contacts NC:** 0

**Rated Control Circuit Voltage ( $U_c$ ):** 50 Hz 250...500 V  
60 Hz 250...500 V  
DC Operation 250...500 V

**Terminal Type:** Screw Terminals

## Technical UL/CSA

**Tightening Torque UL/CSA:** Auxiliary Circuit 11 in·lb  
Control Circuit 11 in·lb  
Main Circuit 13 in·lb

## Certificates and Declarations (Document Number)

**CB Certificate:** CB\_SE\_70855M1

**CCC Certificate:** CCC\_2010010304445624

**cUL Certificate:** UL\_20091124-E312527-7-1

**Declaration of Conformity - CE:** 1SBD250164C3000

**DNV Certificate:** DNV\_E12810

**EAC Certificate:** EAC\_RU C-FR ME77 B01010

**GL Certificate:** GL\_3786412HH

**GOST Certificate:** GOST\_POCCFR.ME77.B07175.pdf

**LR Certificate:** LRS\_1300087E1

**RINA Certificate:** RINA\_ELE084013XG

**RMRS Certificate:** RMRS\_1400682124

**RoHS Information:** 1SBD251013E1000

## Classifications

**E-number:** 3211374

**UNSPSC:** 39121529

