

AF16-30-10-13

ABB contact for United States of America

General Information

Extended Product Type:	AF16-30-10-13
Product ID:	1SBL177001R1310
EAN:	3471523110632
Catalog Description:	AF16-30-10-13 100-250V50/60HZ-DC Contactor
Long Description:	<p>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 $U_c \text{ min. } \dots U_c \text{ max.}$ 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

EAN:	3471523110632
Minimum Order Quantity:	1 piece
Customs Tariff Number:	85369085

Dimensions

Product Net Width:	45.0 mm
Product Net Depth:	77.0 mm
Product Net Height:	86.0 mm

Product Net Weight: 0.270 kg

Container Information

Package Level 1 Units: 1 piece
Package Level 1 Width: 87 mm
Package Level 1 Length: 79 mm
Package Level 1 Height: 47 mm
Package Level 1 Gross Weight: 0.27000 kg
Package Level 1 EAN: 3471523110632
Package Level 2 Units: 54 piece
Package Level 3 Units: 1296 piece

Environmental

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

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 100...250 V
60 Hz 100...250 V
DC Operation 100...250 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-nummer: 3211372
UNSPSC: 39121529
