

AF80-30-00-11

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General Information

Extended Product Type:	AF80-30-00-11
Product ID:	1SBL397001R1100
EAN:	3471523132917
Catalog Description:	AF80-30-00-11 24-60V50/60HZ 20-60VDC Contactor
Long Description:	<p>AF80 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.</p>



Categories

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

Ordering

EAN:	3471523132917
Minimum Order Quantity:	1 piece
Customs Tariff Number:	85369085

Dimensions

Product Net Width:	70.0 mm
Product Net Depth:	116.0 mm
Product Net Height:	125.5 mm
Product Net Weight:	1.220 kg

Container Information

Package Level 1 Units:	1 piece
Package Level 1 Width:	150 mm
Package Level 1 Length:	150 mm
Package Level 1 Height:	103 mm
Package Level 1 Gross Weight:	1.34000 kg

Package Level 1 EAN: 3471523132917

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: A 25 g
Closed, Shock Direction: B1 25 g
Closed, Shock Direction: B2 15 g
Closed, Shock Direction: C1 25 g
Closed, Shock Direction: C2 25 g
Open, Shock Direction: B1 5 g

Resistance to Vibrations acc. to IEC 60068-2-6: 5...300 Hz 3 g closed position / 3 g open position

Technical

Rated Operational Power AC-3 (P_e): (220 / 230 / 240V) 22 kW
(380 / 400V) 37 kW
(415V) 45 kW
(440V) 45 kW
(500V) 45 kW
(690V) 45 kW

Rated Operational Current AC-1 (I_e): (690V) 40°C 125 A
(690V) 60°C 100 A
(690V) 70°C 85 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

Technical UL/CSA

Tightening Torque UL/CSA: Control Circuit 11 in·lb
Main Circuit 53 in·lb

Certificates and Declarations (Document Number)

CB Certificate: CB_SE_72131M1

CCC Certificate: CCC_2013010304646569

cUL Certificate: UL_20130926-E312527_14_1

Declaration of Conformity - CE: 1SBD250176C3000

DNV Certificate: DNV_E12810

EAC Certificate: EAC_RU C-FR ME77 B01010

GL Certificate: GL_60842-13HH

LR Certificate: LRS_1300087E1

RINA Certificate: RINA_ELE084013XG

RMRS Certificate: RMRS_1400682124

RoHS Information: 1SBD251021E1000

Classifications

E-number: 3210050
