

AF80-30-00-12

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General Information

Extended Product Type:	AF80-30-00-12
Product ID:	1SBL397001R1200
EAN:	3471523132924
Catalog Description:	AF80-30-00-12 48-130V50/60HZ-DC Contactor
Long Description:	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.



Categories

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

Ordering

EAN:	3471523132924
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:	3471523132924
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: 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 48...130 V 60 Hz 48...130 V DC Operation 48...130 V
Terminal Type:	Screw Terminals

Technical UL/CSA

Tightening Torque UL/CSA:	Control Circuit 11 in·lb Main Circuit 53 in·lb
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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-nummer: 3210052
