

## AF30Z-30-00-21

**General Information**

<b>Extended Product Type:</b>	AF30Z-30-00-21
<b>Product ID:</b>	1SBL276001R2100
<b>EAN:</b>	3471523114418
<b>Catalog Description:</b>	AF30Z-30-00-21 24-60V50/60HZ 20-60VDC Contactor
<b>Long Description:</b>	AF30Z 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..Z 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...250 V 50/60 Hz or 12...250 V DC. AF..Z contactors can manage large control voltage variations. One coil can be used for different control voltages used worldwide without any coil change. AF..Z contactors allow direct control by PLC-output $\geq 24$ V DC 500 mA and obtain a reduced holding coil consumption. AF..Z contactors withstand short voltage dips and voltage sags (SEMI F47-0706 compliance) between 24...250 V 50/60 Hz AF..Z 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**

<b>EAN:</b>	3471523114418
<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>	86.0 mm
<b>Product Net Height:</b>	86.0 mm
<b>Product Net Weight:</b>	0.350 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>	87 mm
<b>Package Level 1 Height:</b>	47 mm
<b>Package Level 1 Gross Weight:</b>	0.35000 kg
<b>Package Level 1 EAN:</b>	3471523114418
<b>Package Level 2 Units:</b>	45 piece
<b>Package Level 3 Units:</b>	1080 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

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## Technical

Rated Operational Power AC-3 ( $P_e$ ):	(220 / 230 / 240V) 9 kW (380 / 400V) 15 kW (415V) 15 kW (440V) 18.5 kW (500V) 18.5 kW (690V) 18.5 kW
Rated Operational Current AC-1 ( $I_e$ ):	(690V) 40°C 50 A (690V) 60°C 42 A (690V) 70°C 37 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

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## Technical UL/CSA

Tightening Torque UL/CSA:	Control Circuit 11 in·lb Main Circuit 22 in·lb
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## Certificates and Declarations (Document Number)

CB Certificate:	CB_SE_70856M1
CCC Certificate:	CCC_2010010304445623
cUL Certificate:	UL_20091124-E312527-7-1
Declaration of Conformity - CE:	1SBD250165C1000
DNV Certificate:	DNV_E12810
EAC Certificate:	EAC_RU C-FR ME77 B01010
GL Certificate:	GL_3786512HH
GOST Certificate:	GOST_POCCFR.ME77.B07175.pdf
LR Certificate:	LRS_1300087E1
RINA Certificate:	RINA_ELE084013XG
RMRS Certificate:	RMRS_1400682124
RoHS Information:	1SBD251012E1000

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## Classifications

E-nummer:	3211380
UNSPSC:	39121529



