



Detaily produktu

AF26Z-30-00-30

AF26Z-30-00-30 24VDC Contactor



Obecné informace

Typ:	AF26Z-30-00-30
Id výrobku:	1SBL236001R3000
EAN:	3471523114197
Katalogový popis:	AF26Z-30-00-30 24VDC Contactor
Detailní popis:	The AF26Z-30-00-30 is a 3-pole - 690 V IEC or 600 UL contactor with screw terminals, controlling motors up to 11 kW / 400 V AC (AC-3) or 15 hp / 480 V UL and switching power circuits up to 45 A (AC-1) or 45 A UL general use. Thanks to the AF technology, the contactor has a 24 V DC coil, featuring a reduced holding coil consumption down to 1.7 W and offering the possibility of a direct control by PLC-output ≥ 250 mA 24 V DC, without need of additional interface relay, reducing panel energy consumptions and ensuring distinct operations in unstable networks. Furthermore, surge protection is built-in, offering a compact solution. AF contactors have a block type design, can be easily extended with add-on auxiliary contact blocks and an additional wide range of accessories.
Display Name:	AF26Z-30-00-30

Objednací údaje

Minimální objednávkový množství:	1 piece
Číslo celního sazebníku:	85364900

Dokumenty ke stažení

List s údaji, technické informace:	1SBC100214C0202
Pokyny a příručky:	1SBC101053M6801
Pokyny a příručky (část 2):	1SAC200017M0002
CAD Dimensional Drawing:	2CDC001079B0201

Rozměry

Čistá šířka výrobku:	45 mm
Čistá hloubka výrobku:	106 mm
Čistá výška výrobku:	86 mm
Čistá hmotnost výrobku:	0.48 kg

Technické údaje

Počet hlavních spínacích (NO) kontaktů:	3
Počet hlavních rozpínacích (NC) kontaktů:	0
Počet pomocných spínacích kontaktů, s prodlevou:	0
Počet pomocných rozpínacích kontaktů (SPDT):	0
Počet pólů:	3P
Normy:	IEC/EN 60947-1, IEC/EN 60947-4-1, UL 60335-2-40 LZGH2 A2L, UL 60947-4-1, CSA C22.2 No. 60335-2-40 LZGH2 A2L, CSA C22.2 No. 60947-4-1
Jmenovité provozní napětí:	Main Circuit 690 V
Jmenovitá frekvence (f):	Main Circuit 50 / 60 Hz
Klasický tepelný proud na volném vzduchu (I_{th}):	acc. to IEC 60947-4-1, Open Contactors $\Theta = 40^\circ\text{C}$ 50 A acc. to IEC 60947-5-1, $\Theta = 40^\circ\text{C}$ 16 A
Jmenovitý provozní proud AC-1 (I_e):	(690 V) 40 °C 45 A (690 V) 60 °C 40 A (690 V) 70 °C 32 A
Jmenovitý provozní proud AC-3 (I_e):	(415 V) 60 °C 26 A (440 V) 60 °C 26 A (500 V) 60 °C 23 A (690 V) 60 °C 17 A (380 / 400 V) 60 °C 26 A (220 / 230 / 240 V) 60 °C 26 A
Jmenovitý provozní proud AC-3e (I_e):	(415 V) 60 °C 26 A (440 V) 60 °C 26 A (500 V) 60 °C 23 A (690 V) 60 °C 17 A (380 / 400 V) 60 °C 26 A (220 / 230 / 240 V) 60 °C 26 A

Jmenovitý provozní proud DC-1 (I_e):

- (110 V) 2 Poles in Series, 40 °C 45 A
- (110 V) 2 Poles in Series, 60 °C 40 A
- (110 V) 2 Poles in Series, 70 °C 32 A
- (110 V) 3 Poles in Series, 40 °C 45 A
- (110 V) 3 Poles in Series, 60 °C 40 A
- (110 V) 3 Poles in Series, 70 °C 32 A
- (220 V) 3 Poles in Series, 40 °C 45 A
- (220 V) 3 Poles in Series, 60 °C 40 A
- (220 V) 3 Poles in Series, 70 °C 32 A
- (72 V) 1-Pole, 40 °C 45 A
- (72 V) 1-Pole, 60 °C 40 A
- (72 V) 1-Pole, 70 °C 32 A
- (72 V) 2 Poles in Series, 40 °C 45 A
- (72 V) 2 Poles in Series, 60 °C 40 A
- (72 V) 2 Poles in Series, 70 °C 32 A
- (72 V) 3 Poles in Series, 40 °C 45 A
- (72 V) 3 Poles in Series, 60 °C 40 A
- (72 V) 3 Poles in Series, 70 °C 32 A

Jmenovitý provozní proud DC-3 (I_e):

- (110 V) 2 Poles in Series, 40 °C 45 A
- (110 V) 2 Poles in Series, 60 °C 40 A
- (110 V) 2 Poles in Series, 70 °C 32 A
- (110 V) 3 Poles in Series, 40 °C 45 A
- (110 V) 3 Poles in Series, 60 °C 40 A
- (110 V) 3 Poles in Series, 70 °C 32 A
- (220 V) 3 Poles in Series, 40 °C 45 A
- (220 V) 3 Poles in Series, 60 °C 40 A
- (220 V) 3 Poles in Series, 70 °C 32 A
- (72 V) 1-Pole, 40 °C 45 A
- (72 V) 1-Pole, 60 °C 40 A
- (72 V) 1-Pole, 70 °C 32 A
- (72 V) 2 Poles in Series, 40 °C 45 A
- (72 V) 2 Poles in Series, 60 °C 40 A
- (72 V) 2 Poles in Series, 70 °C 32 A
- (72 V) 3 Poles in Series, 40 °C 45 A
- (72 V) 3 Poles in Series, 60 °C 40 A
- (72 V) 3 Poles in Series, 70 °C 32 A

Jmenovitý provozní proud DC-5 (I_e):

- (110 V) 2 Poles in Series, 40 °C 45 A
- (110 V) 2 Poles in Series, 60 °C 40 A
- (110 V) 2 Poles in Series, 70 °C 32 A
- (110 V) 3 Poles in Series, 40 °C 45 A
- (110 V) 3 Poles in Series, 60 °C 40 A
- (110 V) 3 Poles in Series, 70 °C 32 A
- (220 V) 3 Poles in Series, 40 °C 20 A
- (220 V) 3 Poles in Series, 60 °C 20 A
- (220 V) 3 Poles in Series, 70 °C 20 A
- (72 V) 1-Pole, 40 °C 20 A
- (72 V) 1-Pole, 60 °C 20 A
- (72 V) 1-Pole, 70 °C 20 A
- (72 V) 2 Poles in Series, 40 °C 45 A
- (72 V) 2 Poles in Series, 60 °C 40 A
- (72 V) 2 Poles in Series, 70 °C 32 A
- (72 V) 3 Poles in Series, 40 °C 45 A
- (72 V) 3 Poles in Series, 60 °C 40 A
- (72 V) 3 Poles in Series, 70 °C 32 A

Jmenovitý provozní výkon AC-3 (P_e):

- (415 V) 11 kW
- (440 V) 15 kW
- (500 V) 15 kW
- (690 V) 15 kW
- (380 / 400 V) 11 kW
- (220 / 230 / 240 V) 6.5 kW

Jmenovitý provozní výkon AC-3e (P_e):

- (415 V) 11 kW
- (440 V) 15 kW
- (500 V) 15 kW
- (690 V) 15 kW
- (380 / 400 V) 11 kW
- (220 / 230 / 240 V) 6.5 kW

Jmenovitý krátkodobý výdržný proud (I_{cw}): at 40 °C Ambient Temp, in Free Air, from a Cold State 10 s 350 A
 at 40 °C Ambient Temp, in Free Air, from a Cold State 15 min 50 A
 at 40 °C Ambient Temp, in Free Air, from a Cold State 1 min 150 A
 at 40 °C Ambient Temp, in Free Air, from a Cold State 1 s 700 A
 at 40 °C Ambient Temp, in Free Air, from a Cold State 30 s 225 A

Maximální vypínací schopnost: cos phi=0.45 (cos phi=0.35 for $I_e > 100$ A) at 440 V 500 A
 cos phi=0.45 (cos phi=0.35 for $I_e > 100$ A) at 690 V 200 A

Jmenovité izolační napětí (U_i): acc. to IEC 60947-4-1 690 V
 acc. to UL/CSA 600 V

Jmenovité impulzní výdržné napětí (U_{imp}): 6 kV

Max. elektrická četnost spínání: (AC-1) 600 cycles per hour
 (AC-2 / AC-4) 150 cycles per hour
 (AC-3) 1200 cycles per hour

Max. četnost mechanického spínání: 3600 cycles per hour

Jmenovité napětí řídicího obvodu (U_c): DC Operation 24 V

Výkonová ztráta: at Rated Operating Conditions AC-1 per Pole 1.8 W
 at Rated Operating Conditions AC-3 per Pole 0.6 W

Provozní doba: Between Coil De-energization and NC Contact Closing 22 ... 57 ms
 Between Coil De-energization and NO Contact Opening 17 ... 29 ms
 Between Coil Energization and NC Contact Opening 20 ... 35 ms
 Between Coil Energization and NO Contact Closing 27 ... 53 ms

Montáž na lištu DIN: TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715
 TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715

Montáž pomocí šroubů (nejsou součástí dodávky): 2 x M4 Screws Placed Diagonally

Připojovací průřez-hlavní obvod: Flexible with Ferrule 1/2x 1.5 ... 10 mm²
 Flexible with Insulated Ferrule 1x 1.5 ... 10 mm²
 Flexible with Insulated Ferrule 2x 1.5 ... 4 mm²
 Rigid Solid 1/2x 2.5 ... 4 mm²
 Rigid Stranded 1/2x 2.5 ... 10 mm²

Připojovací průřez-ovládací obvod: Flexible with Ferrule 1/2x 0.75 ... 2.5 mm²
 Flexible with Insulated Ferrule 1x 0.75 ... 2.5 mm²
 Flexible with Insulated Ferrule 2x 0.75 ... 1.5 mm²
 Rigid Solid 1/2x 1 ... 2.5 mm²
 Rigid Stranded 1/2x 1 ... 2.5 mm²

Odizolovací délka vodiče: Control Circuit 10 mm
 Main Circuit 14 mm

Krytí: acc. to IEC 60529, IEC 60947-1, EN 60529 Coil Terminals IP20
 acc. to IEC 60529, IEC 60947-1, EN 60529 Main Terminals IP20

Utahovací moment: Control Circuit 1.2 N·m
 Main Circuit 2.5 N·m

Typ svorky: Screw Terminals

Název výrobku: Block Contactor

Technické údaje UL/CSA

NEMA Size: 1

Continuous Current Rating NEMA: 27 A

Horsepower Rating NEMA: (115 V AC) Single Phase 2 Hp
 (200 V AC) Three Phase 7-1/2 Hp
 (230 V AC) Single Phase 3 Hp
 (230 V AC) Three Phase 7-1/2 Hp
 (460 V AC) Three Phase 10 Hp
 (575 V AC) Three Phase 10 Hp

Max. provozní napětí UL/CSA:	Main Circuit 600 V
Klasifikace UL/CSA pro všeobecné použití:	(600 V AC) 45 A
Jmenovitý výkon v ks podle UL/CSA:	(120 V AC) Single Phase 2 hp (200 ... 208 V AC) Three Phase 7-1/2 hp (220 ... 240 V AC) Three Phase 7-1/2 hp (240 V AC) Single Phase 3 hp (440 ... 480 V AC) Three Phase 15 hp (550 ... 600 V AC) Three Phase 20 hp
Připojovací průřez-hlavní obvod UL/CSA:	Rigid Solid 1/2x 14-10 AWG Rigid Stranded 1/2x 14-8 AWG
Connecting Capacity Control Circuit UL/CSA:	Rigid Solid 1/2x 18-14 AWG Rigid Stranded 1/2x 18-14 AWG
Utahovací moment UL/CSA:	Control Circuit 11 in-lb Main Circuit 22 in-lb
Full Load Amps Motor Use:	(120 V AC) Single Phase 24 A (200 ... 208 V AC) Three Phase 25.3 A (220 ... 240 V AC) Three Phase 22 A (240 V AC) Single Phase 17 A (440 ... 480 V AC) Three Phase 21 A (550 ... 600 V AC) Three Phase 22 A

Údaje vnějšího prostředí

Teplota okolního vzduchu:	Close to Contactor Fitted with Thermal O/L Relay -25 ... 60 °C Close to Contactor without Thermal O/L Relay -40 ... 70 °C Close to Contactor for Storage -60 ... +80 °C
Klimatické výdržné podmínky:	Category B according to IEC 60947-1 Annex Q
Max. povolená provozní nadmorská výška:	Without Derating 3000 m
Odolnost vůči vibracím podle IEC 60068-2-6:	4g Closed Position & 2g Open position 5 ... 300 Hz
Stupeň znečištění:	3

Material Compliance

Conflict Minerals Reporting Template (CMRT):	9AKK108467A5658
REACH Declaration:	2CMT2021-006202
Informace RoHS:	2CMT2021-006277
Stav RoHS:	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
SCIP:	2fbd5275-78f3-436f-bde9-7a77b01a8ecb France

Simplified SCIP:	d08024f1-2432-4f51-9080-c1c65b4513d8 France 9601629d-2bf9-43aa-98de-0853325777e3 Germany c0736a89-6e5e-487f-b351-a3c31a597664 Germany 0e58a387-f7f8-40fc-bf36-6dc93bf6f96 Finland 374fc693-875d-49cb-9ab8-a352c0a26a0a Italy 20ad2a47-a3cf-42ad-8a7e-146584316b07 Norway 6dea00f9-9afc-45ef-93b6-7feae691c7a2 Croatia 24d425fc-1f08-4d9d-bdf2-a65d29c7c816 Spain f3e47c3b-58b3-41fe-9e79-0824b63bf321 Germany f34a7be2-9841-4254-8e95-62ee9ebbcce7 Netherlands 03b4ae88-a7de-4579-8bff-03516beb7cb1 Greece 38f706ac-8684-4340-ac50-ac4b6a6d8618 Portugal b8803a8d-8b08-4aa3-a8aa-e13a168dc34e Hungary d16085f2-fc18-4b0b-9908-a88d7acb5243 Belgium 36f3126f-6450-4fee-8de2-f4434ee7c80d Belgium 29df22a7-15e9-4d3f-87c4-003e264867da Hungary 25abe974-9dd6-4edb-9702-e4e10797648b Bulgaria 4108df82-e0ae-4ec9-91ad-b8e7d175cf2b Denmark 13d17387-bc1d-4592-b3ba-57040d4d282d Germany 4ab3a4e1-e0aa-4e1a-b5ad-6050f6355d7c Czechia eb4f9547-dce1-439b-83a4-ee6aa78084ba Poland 6ef4d94f-3ea3-4385-8855-5f2aa50c4fec Estonia c5c9cfa4-9053-4fe4-80d6-5e647b1ae497 Sweden 036ff80f-6f94-480b-a967-fc332bc8456f Poland 4f9c6dcb-7ac2-4f80-bef3-5d3d16e105b9 Germany 7e101ee3-bc7b-43fc-96eb-f7324d5ad773 Poland 48334337-5a8e-4787-a228-8d33a715bb21 Sweden
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Toxic Substances Control Act - TSCA:	2CMT2023-006525
WEEE B2C / B2B:	Business To Business
Kategorie WEEE:	5. Small Equipment (No External Dimension More Than 50 cm)

ABB EcoSolutions

ABB EcoSolutions:	Ano
ABB Site Meeting Group Waste To Landfill Target:	No non-hazardous waste is sent to a landfill
EcoSolutions Profile:	1SBC100156C0308
End Of Life Disassembling Instructions:	1SBC101080M6801
Prohlášení o environmentálních vlastnostech výrobku - EPD:	1SBD250584E4000
Improved Energy Efficiency for Customers:	Product Efficiency - Product considered more energy-efficient compared to similar product on market or older products from the same line
Recyclability Rate of the Product acc. to EN45555:	Design for Closing Resource Loops - Standard EN45555 - 94.3 %

Certifikáty a prohlášení (Číslo dokumentů)

A2L Certificate – UL:	9AKK108469A4875 9AKK108469A4879
ABS certifikát:	ABS_26-0348269-PDA_FR
BV certifikát:	BV_2634H24898C1
CB certifikát:	9AKK108472A2643
CCC certifikát:	CCC_2024010304656668
CQC certifikát:	CQC2010010304445623 CQC2020010304294316

Declaration of Conformity - CCC: 2020980304001254
2020980304001052

Prohlášení o shodě - CE: 1SBD250000U1000

Declaration of Conformity - UKCA: 1SBD250031U1000

DNV certifikát: DNV_TAE00001AF-4

Certifikát RINA: RINA_ELE142224XG

Certifikát RMRS: RMRS_1802705280

Certifikát UL: UL-US-2150887-5
UL-CA-2142658-5

Balení

Úroveň balení 1, jednotky: box 1 piece

Úroveň balení 1, šířka: 96 mm

Úroveň balení 1, délka: 112 mm

Úroveň balení 1, výška: 50 mm

Úroveň balení 1, hrubá hmotnost: 0.526 kg

Úroveň balení 1, EAN: 3471523114197

Externí klasifikace a standardy

Klasifikační kód objektu: Q

ETIM 7: EC000066 - Power contactor, AC switching

ETIM 8: EC000066 - Power contactor, AC switching

ETIM 9: EC000066 - Power contactor, AC switching

Trída eClass: V11.0 : 27371003

UNSPSC: 39121529

IDEA Granular Category Code (IGCC): 4758 >> Iec Contactors

E-Number (Finland): 3709060

Příslušenství

Identifikátor	Popis	Typ	Množství	Měrná jednotka
1SBN010015R1001	CE5-01D0.1 Auxiliary Contact Block	CE5-01D0.1	1	piece
1SBN010015R1010	CE5-10D0.1 Auxiliary Contact Block	CE5-10D0.1	1	piece
1SBN010016R1001	CE5-01W0.1 Auxiliary Contact Block	CE5-01W0.1	1	piece
1SBN010016R1010	CE5-10W0.1 Auxiliary Contact Block	CE5-10W0.1	1	piece
1SBN010017R1001	CE5-01D2 Auxiliary Contact Block	CE5-01D2	1	piece
1SBN010017R1010	CE5-10D2 Auxiliary Contact Block	CE5-10D2	1	piece
1SBN010018R1001	CE5-01W2 Auxiliary Contact Block	CE5-01W2	1	piece
1SBN010018R1010	CE5-10W2 Auxiliary Contact Block	CE5-10W2	1	piece
1SBN010013R1010	CB5-10 Impulse Contact Block	CB5-10	1	piece

Identifikátor	Popis	Typ	Množství	Měrná jednotka
1SBN010013R1001	CB5-01 Impulse Contact Block	CB5-01	1	piece
1SBN010110R1010	CA4-10 Auxiliary Contact Block	CA4-10	1	piece
1SBN010110T1010	CA4-10-T Auxiliary Contact Block	CA4-10-T	1	piece
1SBN010110R1001	CA4-01 Auxiliary Contact Block	CA4-01	1	piece
1SBN010110T1001	CA4-01-T Auxiliary Contact Block	CA4-01-T	1	piece
1SBN010111R1010	CC4-10 Leading Auxiliary Contact Block	CC4-10	1	piece
1SBN010111R1001	CC4-01 Lagging Auxiliary Contact Block	CC4-01	1	piece
1SBN010120R1011	CAL4-11 Auxiliary Contact Block	CAL4-11	1	piece
1SBN010120T1011	CAL4-11-T Auxiliary Contact Block	CAL4-11-T	1	piece
1SBN010140R1022	CA4-22E Auxiliary Contact Block	CA4-22E	1	piece
1SBN010140R1031	CA4-31E Auxiliary Contact Block	CA4-31E	1	piece
1SBN010140R1040	CA4-40E Auxiliary Contact Block	CA4-40E	1	piece
1SBN010140R1004	CA4-04E Auxiliary Contact Block	CA4-04E	1	piece
1SBN010151R1011	CAT4-11E Auxiliary Contact / Coil Terminal Block	CAT4-11E	1	piece
1SBN070156T1000	LDC4 Additional Coil Terminal Block	LDC4	1	piece
1SBN030105T1000	VM4 Mechanical Interlock Unit	VM4	1	piece
1SBN030111R1000	VEM4 Mechanical and Electrical Interlock Set	VEM4	1	piece
1SBN082306T1000	BEA26-4 Connecting Link with Manual Motor Starter	BEA26-4	1	piece
1SBN020112R1000	TEF4-ON Frontal Electronic Timer	TEF4-ON	1	piece
1SBN020113R1000	TEF4S-ON Frontal Electronic Timer	TEF4S-ON	1	piece
1SBN010134R1011	CAL4-11K Auxiliary Contact Block	CAL4-11K	1	piece
1SBN082306T2000	BEA38-4 Connecting Link with Manual Motor Starter	BEA38-4	1	piece
1SBN020114R1000	TEF4-OFF Frontal Electronic Timer	TEF4-OFF	1	piece
1SBN082311R1000	BER38-4 Connection Set for Reversing Contactors	BER38-4	1	piece
1SBN020115R1000	TEF4S-OFF Frontal Electronic Timer	TEF4S-OFF	1	piece
1SBN072303T1000	LY38-4 Connecting Strip	LY38-4	1	piece
1SBN110108T1000	BX4 Protective Cover	BX4	1	piece
1SBN072304R1000	LH38-4 Connecting Strip	LH38-4	1	piece
1SBN082713R2000	BEY38-4 Connection Set for Star-Delta Starter	BEY38-4	1	piece
1SBN040100R1011	WA4-11 24-60V50/60HZ-DC Mechanical Latching Unit	WA4-11	1	piece
1SBN040100R1014	WA4-14 250-500V50/60HZ-DC Mechanical Latching Unit	WA4-14	1	piece
1SBN072308R1000	LD38-4 Additional Terminal Block	LD38-4	1	piece
1SBN110122T1000	BDT4 Test Block	BDT4	1	piece
1SBN040100R1010	WA4-10 24VDC Mechanical Latching Unit	WA4-10	1	piece
1SBN072305R1000	LF38-4 Connecting Strip	LF38-4	1	piece
1SBN040100R1012	WA4-12 48-130V50/60HZ-DC Mechanical Latching Unit	WA4-12	1	piece
1SBN060100R1000	RA4 Interface Relay	RA4	1	piece
1SBN040100R1013	WA4-13 100-250V50/60HZ-DC Mechanical Latching Unit	WA4-13	1	piece
1SBN070159T1000	LDC4K Additional Coil Terminal Block	LDC4K	1	piece
1SBN010160R1001	CA4-01K Auxiliary Contact Block	CA4-01K	1	piece
1SBN082314R1000	BEP38-30 Phase to phase connection	BEP38-30	1	piece

Identifikátor	Popis	Typ	Množství	Měrná jednotka
1SBN010146R1022	CA4-22EK Auxiliary Contact Block	CA4-22EK	1	piece
1SBN010160R1010	CA4-10K Auxiliary Contact Block	CA4-10K	1	piece
1SBN082322R1000	BER38-4KF Connection Set for Reversing Contactors	BER38-4KF	1	piece
1SBN010160T1001	CA4-01K-T Auxiliary Contact Block	CA4-01K-T	1	piece
1SBN082323R2000	BEY38-4KF Connection Set for Star-Delta Starter	BEY38-4KF	1	piece
1SBN010160T1010	CA4-10K-T Auxiliary Contact Block	CA4-10K-T	1	piece
1SBN030113R1000	VEM4K Mechanical and Electrical Interlock Set	VEM4K	1	piece
1SBN010146R1031	CA4-31EK Auxiliary Contact Block	CA4-31EK	1	piece
1SBN010146R1040	CA4-40EK Auxiliary Contact Block	CA4-40EK	1	piece

Kategorie

Produkty > Přístroje a rozváděče nízkého napětí > Výrobky pro řídicí aplikace > Stykače > Blokové stykače > AF Contactors > AF26

