



 PRODUCT-DETAILS

AF12Z-30-10-21

AF12Z-30-10-21 24-60V50/60HZ 20-60VDC Contactor



General Information

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| Extended Product Type | AF12Z-30-10-21 |
| Product ID | 1SBL156001R2110 |
| EAN | 3471523113510 |
| Catalog Description | AF12Z-30-10-21 24-60V50/60HZ 20-60VDC Contactor |

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| Long Description | <p>The AF12Z-30-10-21 is a 3 pole - 690 V IEC or 600 UL contactor with 1 built-in auxiliary contact and screw terminals, controlling motors up to 5.5 kW / 400 V AC (AC-3) or 7-1/2 hp / 480 V UL and switching power circuits up to 28 A (AC-1) or 28 A UL general use. Thanks to the AF technology, the contactor has a wide control voltage range (24-60 V 50/60 Hz and 20-60 V DC), managing large control voltage variations, 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.</p> |
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Ordering

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|------------------------|----------|
| Minimum Order Quantity | 1 piece |
| Customs Tariff Number | 85364900 |

Popular Downloads

| | |
|-----------------------------------|------------------|
| EPLAN Data | 9AAC159646_EPLAN |
| Data Sheet, Technical Information | 1SBC100214C0202 |
| Instructions and Manuals | 1SBC101027M6801 |
| Instructions and Manuals (Part 2) | 1SAC200017M0002 |
| CAD Dimensional Drawing | 2CDC001079B0201 |

Dimensions

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| Product Net Width | 45 mm |
| Product Net Depth / Length | 77 mm |
| Product Net Height | 86 mm |
| Product Net Weight | 0.31 kg |

Technical

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| Number of Main Contacts NO | 3 |
| Number of Main Contacts NC | 0 |
| Number of Auxiliary Contacts NO | 1 |
| Number of Auxiliary Contacts NC | 0 |
| Number of Poles | 3P |
| Standards | 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 |
| Rated Operational Voltage | Auxiliary Circuit 690 V Main Circuit 690 V |
| Rated Frequency (f) | Auxiliary Circuit 50 / 60 Hz Control Circuit 50 / 60 Hz Main Circuit 50 / 60 Hz |
| Conventional Free-air Thermal Current (I _{th}) | acc. to IEC 60947-4-1, Open Contactors $\Theta = 40\text{ }^{\circ}\text{C}$ 35 A acc. to IEC 60947-5-1, $\Theta = 40\text{ }^{\circ}\text{C}$ 16 A |
| Rated Operational Current AC-1 (I _e) | (690 V) 40 °C 28 A (690 V) 60 °C 28 A (690 V) 70 °C 24 A |
| Rated Operational Current AC-3 (I _e) | (415 V) 60 °C 12 A (440 V) 60 °C 12 A (500 V) 60 °C 12.5 A (690 V) 60 °C 9 A (380 / 400 V) 60 °C 12 A (220 / 230 / 240 V) 60 °C 12 A |
| Rated Operational Current AC-3e (I _e) | (415 V) 60 °C 12 A (440 V) 60 °C 12 A (500 V) 60 °C 12.5 A (690 V) 60 °C 9 A (380 / 400 V) 60 °C 12 A (220 / 230 / 240 V) 60 °C 12 A |
| Rated Operational Current AC-15 (I _e) | (500 V) 2 A (690 V) 2 A (24 / 127 V) 6 A (220 / 240 V) 4 A (400 / 440 V) 3 A |
| Rated Operational | (110 V) 1-Pole, 40 °C 15 A |

Current DC-1 (I_e)

- (110 V) 1-Pole, 60 °C 15 A
- (110 V) 1-Pole, 70 °C 15 A
- (110 V) 2 Poles in Series, 40 °C 27 A
- (110 V) 2 Poles in Series, 60 °C 27 A
- (110 V) 2 Poles in Series, 70 °C 24 A
- (110 V) 3 Poles in Series, 40 °C 27 A
- (110 V) 3 Poles in Series, 60 °C 27 A
- (110 V) 3 Poles in Series, 70 °C 24 A
- (220 V) 2 Poles in Series, 40 °C 15 A
- (220 V) 2 Poles in Series, 60 °C 15 A
- (220 V) 2 Poles in Series, 70 °C 15 A
- (220 V) 3 Poles in Series, 40 °C 27 A
- (220 V) 3 Poles in Series, 60 °C 27 A
- (220 V) 3 Poles in Series, 70 °C 24 A
- (72 V) 1-Pole, 40 °C 27 A
- (72 V) 1-Pole, 60 °C 27 A
- (72 V) 1-Pole, 70 °C 24 A
- (72 V) 2 Poles in Series, 40 °C 27 A
- (72 V) 2 Poles in Series, 60 °C 27 A
- (72 V) 2 Poles in Series, 70 °C 24 A
- (72 V) 3 Poles in Series, 40 °C 27 A
- (72 V) 3 Poles in Series, 60 °C 27 A
- (72 V) 3 Poles in Series, 70 °C 24 A

Rated Operational
Current DC-3 (I_e)

- (110 V) 1-Pole, 40 °C 7 A
- (110 V) 1-Pole, 60 °C 7 A
- (110 V) 1-Pole, 70 °C 7 A
- (110 V) 2 Poles in Series, 40 °C 27 A
- (110 V) 2 Poles in Series, 60 °C 27 A
- (110 V) 2 Poles in Series, 70 °C 24 A
- (110 V) 3 Poles in Series, 40 °C 27 A
- (110 V) 3 Poles in Series, 60 °C 27 A
- (110 V) 3 Poles in Series, 70 °C 24 A
- (220 V) 2 Poles in Series, 40 °C 7 A
- (220 V) 2 Poles in Series, 60 °C 7 A
- (220 V) 2 Poles in Series, 70 °C 7 A
- (220 V) 3 Poles in Series, 40 °C 27 A
- (220 V) 3 Poles in Series, 60 °C 27 A
- (220 V) 3 Poles in Series, 70 °C 24 A
- (72 V) 1-Pole, 40 °C 27 A
- (72 V) 1-Pole, 60 °C 27 A
- (72 V) 1-Pole, 70 °C 24 A
- (72 V) 2 Poles in Series, 40 °C 27 A
- (72 V) 2 Poles in Series, 60 °C 27 A
- (72 V) 2 Poles in Series, 70 °C 24 A
- (72 V) 3 Poles in Series, 40 °C 27 A
- (72 V) 3 Poles in Series, 60 °C 27 A
- (72 V) 3 Poles in Series, 70 °C 24 A

Rated Operational
Current DC-5 (I_e)

- (110 V) 1-Pole, 40 °C 4 A
- (110 V) 1-Pole, 60 °C 4 A
- (110 V) 1-Pole, 70 °C 4 A
- (110 V) 2 Poles in Series, 40 °C 15 A
- (110 V) 2 Poles in Series, 60 °C 15 A
- (110 V) 2 Poles in Series, 70 °C 15 A
- (110 V) 3 Poles in Series, 40 °C 27 A
- (110 V) 3 Poles in Series, 60 °C 27 A
- (110 V) 3 Poles in Series, 70 °C 24 A
- (220 V) 2 Poles in Series, 40 °C 4 A
- (220 V) 2 Poles in Series, 60 °C 4 A
- (220 V) 2 Poles in Series, 70 °C 4 A
- (220 V) 3 Poles in Series, 40 °C 12 A
- (220 V) 3 Poles in Series, 60 °C 12 A
- (220 V) 3 Poles in Series, 70 °C 12 A
- (72 V) 1-Pole, 40 °C 12 A
- (72 V) 1-Pole, 60 °C 12 A
- (72 V) 1-Pole, 70 °C 12 A
- (72 V) 2 Poles in Series, 40 °C 27 A
- (72 V) 2 Poles in Series, 60 °C 27 A
- (72 V) 2 Poles in Series, 70 °C 24 A
- (72 V) 3 Poles in Series, 40 °C 27 A
- (72 V) 3 Poles in Series, 60 °C 27 A
- (72 V) 3 Poles in Series, 70 °C 24 A

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| Rated Operational Current DC-13 (I_e) | (24 V) 6 A / 144 W (48 V) 2.8 A / 134 W (72 V) 1 A / 72 W (110 V) 0.55 A / 60 W (125 V) 0.55 A / 69 W (220 V) 0.27 A / 60 W (250 V) 0.27 A / 68 W (400 V) 0.15 A / 60 W (500 V) 0.13 A / 65 W (600 V) 0.1 A / 60 W |
| Rated Operational Power AC-3 (P_e) | (400 V) 5.5 kW (415 V) 5.5 kW (440 V) 5.5 kW (500 V) 7.5 kW (690 V) 7.5 kW (380 / 400 V) 5.5 kW (220 / 230 / 240 V) 3 kW |
| Rated Operational Power AC-3e (P_e) | (415 V) 5.5 kW (440 V) 5.5 kW (500 V) 7.5 kW (690 V) 7.5 kW (380 / 400 V) 5.5 kW (220 / 230 / 240 V) 3 kW |
| Rated Short-time Withstand Current Low Voltage (I_{cw}) | at 40 °C Ambient Temp, in Free Air, from a Cold State 10 s 150 A at 40 °C Ambient Temp, in Free Air, from a Cold State 15 min 35 A at 40 °C Ambient Temp, in Free Air, from a Cold State 1 min 60 A at 40 °C Ambient Temp, in Free Air, from a Cold State 1 s 300 A at 40 °C Ambient Temp, in Free Air, from a Cold State 30 s 80 A for 0.1 s 140 A for 1 s 100 A |
| Maximum Breaking Capacity | cos phi=0.45 (cos phi=0.35 for $I_e > 100$ A) at 440 V 250 A cos phi=0.45 (cos phi=0.35 for $I_e > 100$ A) at 690 V 106 A |
| Rated Insulation Voltage (U_i) | acc. to IEC 60947-4-1 690 V acc. to IEC 60947-5-1 690 V acc. to UL/CSA 600 V |
| Rated Impulse Withstand Voltage (U_{imp}) | 6 kV |
| Maximum Electrical Switching Frequency | (AC-1) 600 cycles per hour (AC-15) 1200 cycles per hour (AC-2 / AC-4) 300 cycles per hour (AC-3) 1200 cycles per hour (DC-13) 900 cycles per hour |
| Maximum Mechanical Switching Frequency | 3600 cycles per hour |
| Rated Control Circuit Voltage (U_c) | 50 Hz 24 ... 60 V 60 Hz 24 ... 60 V DC Operation 20 ... 60 V |
| Power Loss | at 6 A per Pole 0.1 W at Rated Operating Conditions AC-1 per Pole 1 W at Rated Operating Conditions AC-3 per Pole 0.2 W |
| Operate Time | Between Coil De-energization and NC Contact Closing 13 ... 98 ms Between Coil De-energization and NO Contact Opening 11 ... 95 ms Between Coil Energization and NC Contact Opening 38 ... 90 ms Between Coil Energization and NO Contact Closing 40 ... 95 ms |
| Mounting on DIN Rail | 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 |
| Mounting by Screws (not supplied) | 2 x M4 Screws Placed Diagonally |
| Connecting Capacity Main Circuit | Flexible with Ferrule 1/2x 0.75 ... 6 mm ² Flexible with Insulated Ferrule 1x 0.75 ... 4 mm ² Flexible with Insulated Ferrule 2x 0.75 ... 2.5 mm ² Rigid Solid 1/2x 1 ... 4 mm ² Rigid Stranded 1/2x 1 ... 6 mm ² |
| Connecting Capacity Auxiliary Circuit | Flexible with Ferrule 1/2x 0.75 ... 2.5 mm ² Flexible with Insulated Ferrule 2x 0.75 ... 1.5 mm ² |

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| | Flexible with Insulated Ferrule 1x 0.75 ... 2.5 mm ² Rigid Solid 1/2x 1 ... 2.5 mm ² Rigid Stranded 1/2x 1 ... 2.5 mm ² |
| Connecting Capacity Control Circuit | Flexible with Ferrule 1/2x 0.75 ... 2.5 mm ² Flexible with Insulated Ferrule 1x 0.75 ... 2.5 mm ² Flexible with Insulated Ferrule 2x 0.75 ... 1.5 mm ² Rigid Solid 1/2x 1 ... 2.5 mm ² Rigid Stranded 1/2x 1 ... 2.5 mm ² |
| Wire Stripping Length | Auxiliary Circuit 10 mm Control Circuit 10 mm Main Circuit 10 mm |
| Degree of Protection | acc. to IEC 60529, IEC 60947-1, EN 60529 Auxiliary Terminals IP20 acc. to IEC 60529, IEC 60947-1, EN 60529 Coil Terminals IP20 acc. to IEC 60529, IEC 60947-1, EN 60529 Main Terminals IP20 |
| Tightening Torque | Auxiliary Circuit 1.2 N·m Control Circuit 1.2 N·m Main Circuit 1.5 N·m |
| Terminal Type | Screw Terminals |
| Product Name | Block Contactor |

Technical UL/CSA

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| NEMA Size | 0 |
| Continuous Current Rating NEMA | 18 A |
| Horsepower Rating NEMA | (115 V AC) Single Phase 1 Hp (200 V AC) Three Phase 3 Hp (230 V AC) Single Phase 2 Hp (230 V AC) Three Phase 3 Hp (460 V AC) Three Phase 5 Hp (575 V AC) Three Phase 5 Hp |
| Maximum Operating Voltage UL/CSA | Main Circuit 600 V |
| General Use Rating UL/CSA | (600 V AC) 28 A |
| Horsepower Rating UL/CSA | (120 V AC) Single Phase 1 hp (200 ... 208 V AC) Three Phase 3 hp (220 ... 240 V AC) Three Phase 3 hp (240 V AC) Single Phase 2 hp (440 ... 480 V AC) Three Phase 7-1/2 hp (550 ... 600 V AC) Three Phase 10 hp |
| Connecting Capacity Main Circuit UL/CSA | Rigid Solid 1/2x 16-10 AWG Rigid Stranded 1/2x 16-10 AWG |
| Connecting Capacity Auxiliary Circuit UL/CSA | Rigid Solid 1/2x 18-14 AWG Rigid Stranded 1/2x 18-14 AWG |
| Connecting Capacity Control Circuit UL/CSA | Rigid Solid 1/2x 18-14 AWG Rigid Stranded 1/2x 18-14 AWG |
| Tightening Torque UL/CSA | Auxiliary Circuit 11 in·lb Control Circuit 11 in·lb Main Circuit 13 in·lb |
| Full Load Amps Motor Use | (120 V AC) Single Phase 16 A (200 ... 208 V AC) Three Phase 11 A (220 ... 240 V AC) Three Phase 9.6 A (240 V AC) Single Phase 12 A (440 ... 480 V AC) Three Phase 11 A (550 ... 600 V AC) Three Phase 11 A |

Environmental

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| Ambient Air Temperature | 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 |
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| Climatic Withstand | Category B according to IEC 60947-1 Annex Q |
| Maximum Operating Altitude Permissible | Without Derating 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 | 4g Closed Position & 2g Open position 5 ... 300 Hz |
| Pollution Degree | 3 |

Material Compliance

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| Conflict Minerals Reporting Template (CMRT) | 9AKK108467A5658 |
| REACH Declaration | 2CMT2021-006202 |
| RoHS Declaration | 2CMT2021-006277 |
| RoHS Information | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |
| SCIP | 20474b0e-7edf-439c-bba5-e1947d335b56 China |
| Simplified SCIP | 06a1c911-714e-4dff-b66e-d6f7fc3209e2 Norway 09d42c6f-7035-4ec8-89da-f16580fda6fb Greece 0dc7ab57-7678-4d14-9bdf-0d8fe9c0d29e Spain 12abb1a9-7ba0-4ac3-8a8a-8a58da02e9db Hungary 17005c32-247e-4ff8-9721-ac046140fe4b Finland 485b652d-5263-45e3-8ab9-c946e41983ef Bulgaria 4af1b067-d6e1-43d4-85ef-a08b0c94c2a1 Germany 5ca0ddf0-7e77-40d8-b88a-c4bc377b687c Germany 6c3a61dd-0f16-4491-bcce-b2572e1c593f Hungary 7387d003-9205-4805-9dd1-4ddf54148aaa Sweden 79954c7c-f75b-411d-80a9-d9629c2c305f Estonia 825f2d82-94ce-461e-9206-428df1bdba95 Croatia 8f948eb8-9964-40f0-a256-8161f2e81b04 Czech Republic 9523f02b-5f76-403d-a830-6d8bf27c793f Belgium 999f572d-0be7-4102-a819-a985e168c2f8 Belgium 9b5ad129-6529-472e-9ccd-bb0cf118c89a Sweden b0205166-ce49-42e5-a3c2-a34acc5b16d4 Denmark ba8f750d-d95f-4554-a5fe-8430ef72a4bf Germany c2e8d164-a178-4026-88c7-c39a63995a26 Netherlands c809b920-8410-49b8-913a-d5a216f84bae France cb340602-49dd-4882-a53f-7e70a745d05a Germany ea63fa9c-16ba-45ae-bed3-f57724bce77a France ed9ec995-fb4f-40e5-85ef-51b4a8df2b28 Portugal f25a0639-5db2-42d4-bbf7-83ae48297df2 Poland f27d7082-8678-408a-932b-a4e439339dcd Poland f85da3b7-6d71-4633-a778-29d0a65326f8 Germany fc8a048b-0649-4075-8b2a-ede5ce503cda Poland |
| Toxic Substances Control Act - TSCA | 2CMT2023-006525 |
| WEEE B2C / B2B | Business To Business |
| WEEE Category | 5. Small Equipment (No External Dimension More Than 50 cm) |

ABB EcoSolutions

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| ABB EcoSolutions | Yes |
| ABB Site Meeting Group Waste To Landfill Target | No non-hazardous waste is sent to a landfill |
| End Of Life Disassembling Instructions | 1SBC101080M6801 |
| Environmental Product | 1SBD250584E3000 |

Declaration - EPD

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| 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 - 92.7 % |

Certificates and Declarations

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|----------------------------------|--|
| A2L Certificate – UL | 9AKK108469A4875 9AKK108469A4879 |
| ABS Certificate | ABS_20-2060694-PDA |
| BV Certificate | BV_2634H24898C1 |
| CB Certificate | CB_SE-117714 |
| CCC Certificate | CCC_2024010304656669 |
| CQC Certificate | CQC2010010304445624 CQC2020010304298240 |
| Declaration of Conformity - CCC | 2020980304001253 2020980304001082 |
| Declaration of Conformity - CE | 1SBD250000U1000 |
| Declaration of Conformity - UKCA | 1SBD250031U1000 |
| DNV Certificate | DNV_TAE00001AF-4 |
| KC Certificate | KC_HW02016-15005C |
| LR Certificate | LRS_LR23403517TA-02 |
| RINA Certificate | RINA_ELE142224XG |
| RMRS Certificate | RMRS_1802705280 |
| UL Certificate | UL-US-2150887-5 UL-CA-2142658-5 |
| UL Listing Card | E312527 |

Container Information

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|--------------------------------|---------------|
| Package Level 1 Units | box 1 piece |
| Package Level 1 Width | 87 mm |
| Package Level 1 Depth / Length | 79 mm |
| Package Level 1 Height | 47 mm |
| Package Level 1 Gross Weight | 0.31 kg |
| Package Level 1 EAN | 3471523113510 |

External Classifications and Standards

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|------------------------------------|--|
| Object Classification Code | Q |
| ETIM 7 | EC000066 - Power contactor, AC switching |
| ETIM 8 | EC000066 - Power contactor, AC switching |
| ETIM 9 | EC000066 - Power contactor, AC switching |
| eClass | V11.0 : 27371003 |
| UNSPSC | 39121529 |
| IDEA Granular Category Code (IGCC) | 4758 >> lec Contactors |
| E-Number (Finland) | 3706231 |
| E-Number (Sweden) | 3211360 |

Accessories

| Identifier | Description | Type | Quantity | Unit Of Measure |
|-----------------|--|------------|----------|-----------------|
| 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 |
| 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 |
| 1SBN010140R1322 | CA4-22U Auxiliary Contact Block | CA4-22U | 1 | piece |
| 1SBN010140R1122 | CA4-22M Auxiliary Contact Block | CA4-22M | 1 | piece |
| 1SBN010151R1011 | CAT4-11E Auxiliary Contact / Coil Terminal Block | CAT4-11E | 1 | piece |
| 1SBN010140R1331 | CA4-31U Auxiliary Contact Block | CA4-31U | 1 | piece |
| 1SBN010140R1131 | CA4-31M Auxiliary Contact Block | CA4-31M | 1 | piece |
| 1SBN010151R1111 | CAT4-11M Auxiliary Contact / Coil Terminal Block | CAT4-11M | 1 | piece |
| 1SBN010140R1340 | CA4-40U Auxiliary Contact Block | CA4-40U | 1 | piece |
| 1SBN010140R1113 | CA4-13M Auxiliary Contact Block | CA4-13M | 1 | piece |
| 1SBN010151R1311 | CAT4-11U Auxiliary Contact / Coil Terminal Block | CAT4-11U | 1 | piece |
| 1SBN070156T1000 | LDC4 Additional Coil Terminal Block | LDC4 | 1 | piece |
| 1SBN010140R1104 | CA4-04M Auxiliary Contact Block | CA4-04M | 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 |
| 1SBN020114R1000 | TEF4-OFF Frontal Electronic Timer | TEF4-OFF | 1 | piece |
| 1SBN020115R1000 | TEF4S-OFF Frontal Electronic Timer | TEF4S-OFF | 1 | piece |
| 1SBN071303T1000 | LY16-4 Connecting Strip | LY16-4 | 1 | piece |
| 1SBN071305R1000 | LF16-4 Connecting Strip | LF16-4 | 1 | piece |
| 1SBN110108T1000 | BX4 Protective Cover | BX4 | 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 |
| 1SBN040100R1010 | WA4-10 24VDC Mechanical Latching Unit | WA4-10 | 1 | piece |
| 1SBN040100R1012 | WA4-12 48-130V50/60HZ-DC Mechanical Latching Unit | WA4-12 | 1 | piece |
| 1SBN060100R1000 | RA4 Interface Relay | RA4 | 1 | piece |
| 1SBN010146R1104 | CA4-04MK Auxiliary Contact Block | CA4-04MK | 1 | piece |
| 1SBN040100R1013 | WA4-13 100-250V50/60HZ-DC Mechanical Latching Unit | WA4-13 | 1 | piece |
| 1SBN010146R1113 | CA4-13MK Auxiliary Contact Block | CA4-13MK | 1 | piece |
| 1SBN070159T1000 | LDC4K Additional Coil Terminal Block | LDC4K | 1 | piece |

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|-----------------|-----------------------------------|-----------|---|-------|
| 1SBN010160R1001 | CA4-01K Auxiliary Contact Block | CA4-01K | 1 | piece |
| 1SBN010160R1010 | CA4-10K Auxiliary Contact Block | CA4-10K | 1 | piece |
| 1SBN010146R1122 | CA4-22MK Auxiliary Contact Block | CA4-22MK | 1 | piece |
| 1SBN010160T1001 | CA4-01K-T Auxiliary Contact Block | CA4-01K-T | 1 | piece |
| 1SBN010160T1010 | CA4-10K-T Auxiliary Contact Block | CA4-10K-T | 1 | piece |
| 1SBN010146R1131 | CA4-31MK Auxiliary Contact Block | CA4-31MK | 1 | piece |

Categories

Low Voltage Products and Systems → Control Products → Contactors → Block Contactors → AF Contactors → AF12

