AF38-40-00-13 1/7



PRODUCT-DETAILS

AF38-40-00-13 AF38-40-00-13 100-250V50/60HZ-DC Contactor



General Information	
Extended Product Type	AF38-40-00-13
Product ID	1SBL297201R1300
EAN	3471523115330
Catalog Description	AF38-40-00-13 100-250V50/60HZ-DC Contactor
Long Description	The AF38-40-00-13 is a 4 pole - 690 V IEC or 600 UL contactor with screw terminals, controlling motors up to 11 kW / 400 V AC (AC-3) and switching power circuits up to 55 A (AC-1) or 55 A UL general use. Thanks to the AF technology, the contactor has a wide control voltage range (100-250 V 50/60 Hz and 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.

Ordering	
Minimum Order Quantity	

Millimum Order Quantity	i piece
Customs Tariff Number	85364900

Popular Downloads

AF38-40-00-13 2/7

EPLAN Data	9AAC159650_EPLAN
Data Sheet, Technical Information	1SBC100214C0202
Instructions and Manuals	1SBC101027M6801
Instructions and Manuals (Part 2)	1SAC200017M0002
CAD Dimensional Drawing	2CDC001079B0201
Dimensions	
Product Net Width	45 mm
Product Net Depth / Length	101 mm
Product Net Height	86 mm
Product Net Weight	0.36 kg
Technical	
Number of Main Contacts	4
Number of Main Contacts NC	0
Number of Auxiliary Contacts NO	0
Number of Auxiliary Contacts NC	0
Number of Poles	<u>4P</u>
Standards	IEC/EN 60947-1, IEC/EN 60947-4-1, UL 60335-2-40 LZGH2 A2L, UL 60947-1, UL 60947-4-1, CSA C22.2 No. 60335-2-40 LZGH2 A2L, CAN/CSA C22.2 No.60947-1, CAN/CSA C22.2 No.60947-4-1
Rated Operational Voltage	Main Circuit 690 V
Rated Frequency (f)	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 Θ = 40 °C 55 A
Rated Operational Current	(690 V) 40 °C 55 A
AC-1 (I _e)	(690 V) 60 °C 45 A (690 V) 70 °C 37 A
Rated Operational Current	(415 V) 60 °C 21.2 A
AC-3 (I _e)	(440 V) 60 °C 20 A (500 V) 60 °C 17.6 A
	(690 V) 60 °C 10.5 A (380 / 400 V) 60 °C 22 A
	(220 / 230 / 240 V) 60 °C 23.2 A
Rated Operational Current	(110 V) 2 Poles in Series, 40 °C 55 A (110 V) 2 Poles in Series, 60 °C 45 A
DC-1 (I _e)	(110 V) 2 Poles in Series, 70 °C 37 A
	(110 V) 3 Poles in Series, 40 °C 55 A (110 V) 3 Poles in Series, 60 °C 45 A
	(110 V) 3 Poles in Series, 70 °C 37 A
	(110 V) 4 Poles in Series, 40 °C 55 A (110 V) 4 Poles in Series, 60 °C 45 A
	(110 V) 4 Poles in Series, 70 °C 37 A
	(220 V) 3 Poles in Series, 40 °C 55 A (220 V) 3 Poles in Series, 60 °C 45 A
	(220 V) 3 Poles in Series, 70 °C 37 A (220 V) 4 Poles in Series, 40 °C 55 A
	(220 V) 4 Poles in Series, 60 °C 45 A
	(220 V) 4 Poles in Series, 70 °C 37 A (72 V) 1-Pole, 40 °C 55 A
	(72 V) 1-Pole, 60 °C 45 A
	(72 V) 1-Pole, 70 °C 37 A (72 V) 2 Poles in Series, 40 °C 55 A
	(72 V) 2 Poles in Series, 60 °C 45 A (72 V) 2 Poles in Series, 70 °C 37 A
	(72 V) 3 Poles in Series, 40 °C 55 A (72 V) 3 Poles in Series, 40 °C 55 A (72 V) 3 Poles in Series, 60 °C 45 A
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AF38-40-00-13 3/7

	(72 V) 3 Poles in Series, 70 °C 37 A (72 V) 4 Poles in Series, 40 °C 55 A (72 V) 4 Poles in Series, 60 °C 45 A (72 V) 4 Poles in Series, 70 °C 37 A
Rated Operational Power AC-3 (P _e)	(400 V) 11 kW (415 V) 11 kW (440 V) 11 kW (500 V) 11 kW (690 V) 9 kW (220 / 230 / 240 V) 5.5 kW
Rated Short-time Withstand Current Low Voltage (I _{cw})	at 40 °C Ambient Temp, in Free Air, from a Cold State 10 s 300 A at 40 °C Ambient Temp, in Free Air, from a Cold State 15 min 55 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 450 A at 40 °C Ambient Temp, in Free Air, from a Cold State 30 s 225 A
Rated Insulation Voltage (U_i)	acc. to IEC 60947-4-1 690 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
Maximum Mechanical Switching Frequency	3600 cycles per hour
Rated Control Circuit Voltage (U _c)	50 Hz 100 250 V 60 Hz 100 250 V DC Operation 100 250 V
Power Loss	at Rated Operating Conditions AC-1 per Pole 2.3 W at Rated Operating Conditions AC-3 per Pole 0.42 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 1.5 16 mm² Flexible with Insulated Ferrule 1/2x 1.5 16 mm² Rigid Solid 1/2x 1.5 4 mm² Rigid Stranded 1/2x 1.5 16 mm²
Connecting Capacity Control Circuit	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
Wire Stripping Length	Control Circuit 10 mm Main Circuit 12 mm
Degree of Protection	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	Control Circuit 1.2 N·m Main Circuit 2.5 N·m
Terminal Type	Screw Terminals
Product Name	Block Contactor
Technical UL/CSA	
Maximum Operating Voltage UL/CSA	Main Circuit 600 V
General Use Rating UL/CSA	(600 V AC) 55 A
Connecting Capacity Main Circuit UL/CSA	Rigid Solid 1/2x 16-10 AWG Rigid Stranded 1/2x 16-6 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	Control Circuit 11 in·lb Main Circuit 22 in·lb

AF38-40-00-13 4/7

Environmental Ambient Air Temperature	Close to Contactor for Storage -60 +80 °C
	Near Contactor for Operation in Free Air -40 70 °C
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	
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
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	
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 Declaration - 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 %

Certificates and Declarations	
A2L Certificate - UL	9AKK108469A4875 9AKK108469A4879
ABS Certificate	ABS 20-2060694-PDA
BV Certificate	BV_2634H24898C0
CB Certificate	CB_SE-116363
CCC Certificate	CCC_2024010304656668
CQC Certificate	CQC2010010304445623 CQC2020010304294316
Declaration of Conformity - CCC	2020980304001254 2020980304001052
Declaration of Conformity - CE	1SBD250001U1000
Declaration of Conformity - UKCA	1SBD250032U1000
DNV Certificate	DNV_TAE00001AF-4
GOST Certificate	GOST_POCCFR.ME77.B07175.pdf
KC Certificate	KC_HW02016-15002C

AF38-40-00-13 5/7

LR Certificate	LRS LR23403517TA-02
Ert Corumodio	E110_E1120 1000 17 17 02
RINA Certificate	RINA_ELE142224XG
RMRS Certificate	RMRS_1802705280
UL Certificate	UL-US-L319322-13-72119002-5
	UL-CA-L319322-43-72119002-6
UL Listing Card	UL E319322

Container Information	
Package Level 1 Units	box 1 piece
Package Level 1 Width	87 mm
Package Level 1 Depth / Length	103 mm
Package Level 1 Height	47 mm
Package Level 1 Gross Weight	0.36 kg
Package Level 1 EAN	3471523115330
Package Level 2 Units	box 18 piece
Package Level 2 Width	250 mm
Package Level 2 Depth / Length	300 mm
Package Level 2 Height	315 mm
Package Level 2 Gross Weight	12.96 kg

External Classifications and Standards	
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)	3705838
E-Number (Sweden)	3211520

Accessories				
Identifier	Description	Туре	Quantity	Unit Of Measure
1SBN112303T1000	BP38-4 Mounting Piece	BP38-4	1	piece
1SBN113403T1000	BP65-4 Mounting Piece	BP65-4	1	piece
1SBN113903T1000	BP96-4 Mounting Piece	BP96-4	1	piece
1SBN110108T1000	BX4 Protective Cover	BX4	1	piece
1SBN110109W1000	BX4-CA Protective Cover	BX4-CA	1	piece
1SBN010110R1001	CA4-01 Auxiliary Contact Block	CA4-01	1	piece
1SBN010160R1001	CA4-01K Auxiliary Contact Block	CA4-01K	1	piece
1SBN010110T1001	CA4-01-T Auxiliary Contact Block	CA4-01-T	1	piece
1SBN010140R1004	CA4-04E Auxiliary Contact Block	CA4-04E	1	piece
1SBN010110R1010	CA4-10 Auxiliary Contact Block	CA4-10	1	piece
1SBN010160R1010	CA4-10K Auxiliary Contact Block	CA4-10K	1	piece
1SBN010110T1010	CA4-10-T Auxiliary Contact Block	CA4-10-T	1	piece
1SBN010140R1022	CA4-22E Auxiliary Contact Block	CA4-22E	1	piece
1SBN010146R1022	CA4-22EK Auxiliary Contact Block	CA4-22EK	1	piece
1SBN010140R1031	CA4-31E Auxiliary Contact Block	CA4-31E	1	piece
1SBN010146R1031	CA4-31EK Auxiliary Contact Block	CA4-31EK	1	piece

AF38-40-00-13 6/7

ISBN010146R1040	1SBN010140R1040	CA4-40E Auxiliary Contact Block	CA4-40E	1	piece
ISBN010120R1011		-			
SBN010134R1011		-			
SBN010120T1011		•			
SBN010151R1011		·			
SBN010111R1001		•			
SBN010111R1010		•			
SBN010015R1001					
SBN010017R1001 CE5-01D2 Auxiliary Contact Block CE5-01D2 1 piece SBN010016R1001 CE5-01W0.1 Auxiliary Contact Block CE5-01W0.1 1 piece SBN010016R1001 CE5-01W2 Auxiliary Contact Block CE5-01W2 1 piece SBN010015R1010 CE5-10D0.1 Auxiliary Contact Block CE5-01W2 1 piece SBN010017R1010 CE5-10D2 Auxiliary Contact Block CE5-10D0.1 1 piece SBN010017R1010 CE5-10W2 Auxiliary Contact Block CE5-10W0.1 1 piece SBN010017R1010 CE5-10W2 Auxiliary Contact Block CE5-10W0.1 1 piece SBN010018R1010 CE5-10W2 Auxiliary Contact Block CE5-10W0.1 1 piece SBN010018R1010 CE5-10W2 Auxiliary Contact Block CE5-10W0.1 1 piece SBN073452R2000 LK96-4F Terminals for Control Lead Connections LK96-4F 1 piece SBN07015671000 LDC4 Additional Coil Terminal Block LDC4 1 piece SBN07015671000 LDC4K Additional Coil Terminal Block LDC4 1 piece SBN071395R1000 LDC4K Additional Coil Terminal Block LDC4K 1 piece SBN071395R1000 LT64-4 Connecting Strip LF16-4 1 piece SBN071396R1000 LT64-4 Connecting Strip LF16-4 1 piece SBN0723902R1000 LT62-40 Terminal Shroud LT52-40 1 piece SBN07330371000 LT780-40 Terminal Shroud LT80-40 1 piece SBN02302R1000 LT780-40 Terminal Shroud LT80-40 1 piece SBN020114R1000 TE74-OFF Frontal Electronic Timer TE74-OFF 1 piece SBN020114R1000 TE74-OFF Frontal Electronic Timer TE74-OFF 1 piece SBN020114R1000 TE74-OFF Frontal Electronic Timer TE74-OFF 1 piece SBN020113R1000 TE74-OFF Frontal Electronic Timer TE74-OFF 1 piece SBN040100R1010 WA4-11 24-60V50/60HZ-DC Mechanical Latching Unit WA4-10 1 piece SBN040100R1011 WA4-11 24-60V50/60HZ-DC Mechanical Latching Unit Unit Unit Unit Unit					
SBN010016R1001				1	
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ISBN010018R1010 CE5-10W2 Auxiliary Contact Block CE5-10W2 1 piece ISBN073452R2000 LK96-4F Terminals for Control Lead Connections LK96-4F 1 piece ISBN070156T1000 LDC4 Additional Coil Terminal Block LDC4 1 piece ISBN071305R1000 LDC4K Additional Coil Terminal Block LDC4K 1 piece ISBN071305R1000 LF16-4 Connecting Strip LF16-4 1 piece ISBN071306R1000 LG16-4 Connecting Strip LG16-4 1 piece ISBN123402R1000 LT32-40 Terminal Shroud LT82-40 1 piece ISBN073303T1000 LY16-4 Connecting Strip LY16-4 1 piece ISBN0201303T1000 RA4 Interface Relay RA4 1 piece ISBN020112R1000 TEF4-OFF Frontal Electronic Timer TEF4-OFF 1 piece ISBN020113R1000 TEF4-OFF Frontal Electronic Timer TEF4-OFF 1 piece ISBN04010R1010 WA4-10 24VDC Mechanical Latching Unit WA4-10 1 piece ISBN040100R1011	1SBN010017R1010	-	CE5-10D2	1	
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SBN070156T1000	1SBN010018R1010	CE5-10W2 Auxiliary Contact Block	CE5-10W2	1	piece
SBN070159T1000	1SBN073452R2000	LK96-4F Terminals for Control Lead Connections	LK96-4F	1	piece
ISBN071305R1000 LF16-4 Connecting Strip LF16-4 1 piece ISBN071306R1000 LG16-4 Connecting Strip LG16-4 1 piece ISBN123402R1000 LT52-40 Terminal Shroud LT52-40 1 piece ISBN123902R1000 LT80-40 Terminal Shroud LT80-40 1 piece ISBN071303T1000 LY16-4 Connecting Strip LY16-4 1 piece ISBN060100R1000 RA4 Interface Relay RA4 1 piece ISBN020114R1000 TEF4-OFF Frontal Electronic Timer TEF4-OFF 1 piece ISBN020112R1000 TEF45-OFF Frontal Electronic Timer TEF45-OFF 1 piece ISBN020113R1000 TEF45-OFF Frontal Electronic Timer TEF45-OFF 1 piece ISBN040100R1010 WA4-10 24VDC Mechanical Latching WA4-10 1 piece ISBN040100R1011 WA4-11 24-60V50/60HZ-DC Mechanical Latching WA4-11 1 piece ISBN040100R1012 WA4-12 48-130V50/60HZ-DC Mechanical Latching Unit WA4-12 1 piece ISBN040100R1013	1SBN070156T1000	LDC4 Additional Coil Terminal Block	LDC4	1	piece
ISBN071306R1000 LG16-4 Connecting Strip LG16-4 1 piece ISBN123402R1000 LT52-40 Terminal Shroud LT52-40 1 piece ISBN123902R1000 LT80-40 Terminal Shroud LT80-40 1 piece ISBN071303T1000 LY16-4 Connecting Strip LY16-4 1 piece ISBN060100R1000 RA4 Interface Relay RA4 1 piece ISBN020114R1000 TEF4-OFF Frontal Electronic Timer TEF4-OFF 1 piece ISBN020112R1000 TEF4-ON Frontal Electronic Timer TEF4-ON 1 piece ISBN020113R1000 TEF4S-OFF Frontal Electronic Timer TEF4S-OFF 1 piece ISBN040100R1010 WA4-10 24VDC Mechanical Latching Unit WA4-10 1 piece ISBN040100R1011 WA4-11 24-60V50/60HZ-DC Mechanical Latching Unit WA4-11 1 piece ISBN040100R1012 WA4-13 100-250V50/60HZ-DC Mechanical Latching Unit WA4-12 1 piece ISBN040100R1014 WA4-14 250-500V50/60HZ-DC Mechanical Latching Unit WA4-14 1 piece	1SBN070159T1000	LDC4K Additional Coil Terminal Block	LDC4K	1	piece
ISBN123402R1000 LT52-40 Terminal Shroud LT52-40 1 piece ISBN123902R1000 LT80-40 Terminal Shroud LT80-40 1 piece ISBN071303T1000 LY16-4 Connecting Strip LY16-4 1 piece ISBN060100R1000 RA4 Interface Relay RA4 1 piece ISBN020114R1000 TEF4-OFF Frontal Electronic Timer TEF4-OFF 1 piece ISBN020112R1000 TEF4-OFF Frontal Electronic Timer TEF4-ON 1 piece ISBN020113R1000 TEF4S-OFF Frontal Electronic Timer TEF4S-OFF 1 piece ISBN040100R1010 WA4-10 24VDC Mechanical Latching Unit WA4-10 1 piece ISBN040100R1011 WA4-11 24-60V50/60HZ-DC Mechanical Latching Unit WA4-11 1 piece ISBN040100R1012 WA4-12 48-130V50/60HZ-DC Mechanical Latching Unit WA4-12 1 piece ISBN040100R1013 WA4-13 100-250V50/60HZ-DC Mechanical Latching Unit WA4-13 1 piece ISBN040200R1014 WA4-96-11 24-60V50/60HZ-DC Mechanical Latching Unit WA4-96-11 1 pi	1SBN071305R1000	LF16-4 Connecting Strip	LF16-4	1	piece
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ISBN071303T1000 LY16-4 Connecting Strip LY16-4 1 piece ISBN060100R1000 RA4 Interface Relay RA4 1 piece ISBN020114R1000 TEF4-OFF Frontal Electronic Timer TEF4-OFF 1 piece ISBN020112R1000 TEF4-ON Frontal Electronic Timer TEF4-ON 1 piece ISBN020115R1000 TEF4S-OFF Frontal Electronic Timer TEF4S-OFF 1 piece ISBN020113R1000 TEF4S-ON Frontal Electronic Timer TEF4S-ON 1 piece ISBN040100R1010 WA4-10 24VDC Mechanical Latching Unit WA4-10 1 piece ISBN040100R1011 WA4-11 24-60V50/60HZ-DC Mechanical Latching Unit WA4-11 1 piece ISBN040100R1012 WA4-13 100-250V50/60HZ-DC Mechanical Latching Unit WA4-12 1 piece ISBN040100R1013 WA4-13 100-250V50/60HZ-DC Mechanical Latching Unit WA4-13 1 piece ISBN040200R1011 WA4-96-11 24-60V50/60HZ-DC Mechanical Latching Unit WA4-96-11 1 piece ISBN040200R1012 WA4-96-13 100-250V50/60HZ-DC Mechanical Latching Unit WA4-9	1SBN123402R1000	LT52-40 Terminal Shroud	LT52-40	1	piece
ISBN060100R1000 RA4 Interface Relay RA4 1 piece ISBN020114R1000 TEF4-OFF Frontal Electronic Timer TEF4-OFF 1 piece ISBN020112R1000 TEF4-ON Frontal Electronic Timer TEF4-ON 1 piece ISBN020115R1000 TEF4S-OFF Frontal Electronic Timer TEF4S-OFF 1 piece ISBN020113R1000 TEF4S-ON Frontal Electronic Timer TEF4S-ON 1 piece ISBN040100R1010 WA4-10 24VDC Mechanical Latching Unit WA4-10 1 piece ISBN040100R1011 WA4-11 24-60V50/60HZ-DC Mechanical Latching Unit WA4-11 1 piece ISBN040100R1012 WA4-12 48-130V50/60HZ-DC Mechanical Latching Unit WA4-12 1 piece ISBN040100R1013 WA4-13 100-250V50/60HZ-DC Mechanical Latching Unit WA4-13 1 piece ISBN040100R1014 WA4-96-11 24-60V50/60HZ-DC Mechanical Latching Unit WA4-14 1 piece ISBN040200R1011 WA4-96-12 48-130V50/60HZ-DC Mechanical Latching Unit WA4-96-12 1 piece ISBN040200R1013 WA4-96-13 100-250V50/60HZ-DC Mechanical Latching	1SBN123902R1000	LT80-40 Terminal Shroud	LT80-40	1	piece
ISBN020114R1000 TEF4-OFF Frontal Electronic Timer TEF4-OFF 1 piece ISBN020112R1000 TEF4-ON Frontal Electronic Timer TEF4-ON 1 piece ISBN020115R1000 TEF4S-OFF Frontal Electronic Timer TEF4S-OFF 1 piece ISBN020113R1000 TEF4S-ON Frontal Electronic Timer TEF4S-ON 1 piece ISBN040100R1010 WA4-10 24VDC Mechanical Latching Unit WA4-10 1 piece ISBN040100R1011 WA4-11 24-60V50/60HZ-DC Mechanical Latching Unit WA4-11 1 piece ISBN040100R1012 WA4-12 48-130V50/60HZ-DC Mechanical Latching Unit WA4-12 1 piece ISBN040100R1013 WA4-13 100-250V50/60HZ-DC Mechanical Latching Unit WA4-13 1 piece ISBN040200R1014 WA4-96-11 24-60V50/60HZ-DC Mechanical Latching Unit WA4-96-11 1 piece ISBN040200R1012 WA4-96-12 48-130V50/60HZ-DC Mechanical Latching Unit WA4-96-11 1 piece ISBN040200R1013 WA4-96-13 100-250V50/60HZ-DC Mechanical Latching Unit WA4-96-13 1 piece	1SBN071303T1000	LY16-4 Connecting Strip	LY16-4	1	piece
ISBN020112R1000 TEF4-ON Frontal Electronic Timer TEF4-ON 1 piece ISBN020115R1000 TEF4S-OFF Frontal Electronic Timer TEF4S-OFF 1 piece ISBN020113R1000 TEF4S-ON Frontal Electronic Timer TEF4S-ON 1 piece ISBN040100R1010 WA4-10 24VDC Mechanical Latching Unit WA4-10 1 piece ISBN040100R1011 WA4-11 24-60V50/60HZ-DC Mechanical Latching Unit WA4-11 1 piece ISBN040100R1012 WA4-12 48-130V50/60HZ-DC Mechanical Latching Unit WA4-12 1 piece ISBN040100R1013 WA4-13 100-250V50/60HZ-DC Mechanical Latching Unit WA4-13 1 piece ISBN040100R1014 WA4-96-12 48-130V50/60HZ-DC Mechanical Latching Unit WA4-14 1 piece ISBN040200R1011 WA4-96-12 48-130V50/60HZ-DC Mechanical Latching Unit WA4-96-11 1 piece ISBN040200R1013 WA4-96-13 100-250V50/60HZ-DC Mechanical Latching Unit WA4-96-12 1 piece ISBN040200R1013 WA4-96-13 100-250V50/60HZ-DC Mechanical Latching Unit WA4-96-13 1 piece	1SBN060100R1000	RA4 Interface Relay	RA4	1	piece
ISBN020115R1000 TEF4S-OFF Frontal Electronic Timer TEF4S-OFF 1 piece ISBN020113R1000 TEF4S-ON Frontal Electronic Timer TEF4S-ON 1 piece ISBN040100R1010 WA4-10 24VDC Mechanical Latching Unit WA4-10 1 piece ISBN040100R1011 WA4-11 24-60V50/60HZ-DC Mechanical Latching Unit WA4-11 1 piece ISBN040100R1012 WA4-12 48-130V50/60HZ-DC Mechanical Latching Unit WA4-12 1 piece ISBN040100R1013 WA4-13 100-250V50/60HZ-DC Mechanical Latching Unit WA4-13 1 piece ISBN040100R1014 WA4-14 250-500V50/60HZ-DC Mechanical Latching Unit WA4-14 1 piece ISBN040200R1011 WA4-96-11 24-60V50/60HZ-DC Mechanical Latching Unit WA4-96-11 1 piece ISBN040200R1012 WA4-96-12 48-130V50/60HZ-DC Mechanical Latching Unit WA4-96-12 1 piece ISBN040200R1013 WA4-96-13 100-250V50/60HZ-DC Mechanical Latching Unit WA4-96-13 1 piece	1SBN020114R1000	TEF4-OFF Frontal Electronic Timer	TEF4-OFF	1	piece
1SBN020113R1000 TEF4S-ON Frontal Electronic Timer TEF4S-ON 1 piece 1SBN040100R1010 WA4-10 24VDC Mechanical Latching Unit WA4-10 1 piece 1SBN040100R1011 WA4-11 24-60V50/60HZ-DC Mechanical Latching Unit WA4-11 1 piece 1SBN040100R1012 WA4-12 48-130V50/60HZ-DC Mechanical Latching Unit WA4-12 1 piece 1SBN040100R1013 WA4-13 100-250V50/60HZ-DC Mechanical Latching Unit WA4-13 1 piece 1SBN040100R1014 WA4-14 250-500V50/60HZ-DC Mechanical Latching Unit WA4-14 1 piece 1SBN040200R1011 WA4-96-11 24-60V50/60HZ-DC Mechanical Latching Unit WA4-96-11 1 piece 1SBN040200R1012 WA4-96-12 48-130V50/60HZ-DC Mechanical Latching Unit WA4-96-12 1 piece 1SBN040200R1013 WA4-96-13 100-250V50/60HZ-DC Mechanical Latching Unit WA4-96-13 1 piece 1SBN040200R1014 WA4-96-14 250-500V50/60HZ-DC Mechanical Latching Unit WA4-96-13 1 piece	1SBN020112R1000	TEF4-ON Frontal Electronic Timer	TEF4-ON	1	piece
1SBN040100R1010 WA4-10 24VDC Mechanical Latching Unit WA4-10 1 piece 1SBN040100R1011 WA4-11 24-60V50/60HZ-DC Mechanical Latching Unit WA4-11 1 piece 1SBN040100R1012 WA4-12 48-130V50/60HZ-DC Mechanical Latching Unit WA4-12 1 piece 1SBN040100R1013 WA4-13 100-250V50/60HZ-DC Mechanical Latching Unit WA4-13 1 piece 1SBN040100R1014 WA4-14 250-500V50/60HZ-DC Mechanical Latching Unit WA4-14 1 piece 1SBN040200R1011 WA4-96-11 24-60V50/60HZ-DC Mechanical Latching Unit WA4-96-11 1 piece 1SBN040200R1012 WA4-96-12 48-130V50/60HZ-DC Mechanical Latching Unit WA4-96-12 1 piece 1SBN040200R1013 WA4-96-13 100-250V50/60HZ-DC Mechanical Latching Unit WA4-96-13 1 piece 1SBN040200R1013 WA4-96-14 250-500V50/60HZ-DC Mechanical Latching Unit WA4-96-13 1 piece	1SBN020115R1000	TEF4S-OFF Frontal Electronic Timer	TEF4S-OFF	1	piece
1SBN040100R1011 WA4-11 24-60V50/60HZ-DC Mechanical Latching Unit WA4-11 1 piece 1SBN040100R1012 WA4-12 48-130V50/60HZ-DC Mechanical Latching Unit WA4-12 1 piece 1SBN040100R1013 WA4-13 100-250V50/60HZ-DC Mechanical Latching Unit WA4-13 1 piece 1SBN040100R1014 WA4-14 250-500V50/60HZ-DC Mechanical Latching Unit WA4-14 1 piece 1SBN040200R1011 WA4-96-11 24-60V50/60HZ-DC Mechanical Latching Unit WA4-96-11 1 piece 1SBN040200R1012 WA4-96-12 48-130V50/60HZ-DC Mechanical Latching Unit WA4-96-12 1 piece 1SBN040200R1013 WA4-96-13 100-250V50/60HZ-DC Mechanical Latching Unit WA4-96-13 1 piece 1SBN040200R1014 WA4-96-14 250-500V50/60HZ-DC Mechanical Latching Unit WA4-96-13 1 piece	1SBN020113R1000	TEF4S-ON Frontal Electronic Timer	TEF4S-ON	1	piece
ISBN040100R1011 Unit WA4-11 I piece 1SBN040100R1012 WA4-12 48-130V50/60HZ-DC Mechanical Latching Unit WA4-12 1 piece 1SBN040100R1013 WA4-13 100-250V50/60HZ-DC Mechanical Latching Unit WA4-13 1 piece 1SBN040100R1014 WA4-14 250-500V50/60HZ-DC Mechanical Latching Unit WA4-14 1 piece 1SBN040200R1011 WA4-96-11 24-60V50/60HZ-DC Mechanical Latching Unit WA4-96-11 1 piece 1SBN040200R1012 WA4-96-12 48-130V50/60HZ-DC Mechanical Latching Unit WA4-96-12 1 piece 1SBN040200R1013 WA4-96-13 100-250V50/60HZ-DC Mechanical Latching Unit WA4-96-13 1 piece 1SBN040200R1014 WA4-96-14 250-500V50/60HZ-DC Mechanical Latching Unit WA4-96-13 1 piece	1SBN040100R1010	WA4-10 24VDC Mechanical Latching Unit	WA4-10	1	piece
ISBN040100R1012 Latching Unit WA4-12 Image: Piece 1SBN040100R1013 WA4-13 100-250V50/60HZ-DC Mechanical Latching Unit WA4-13 1 piece 1SBN040100R1014 WA4-14 250-500V50/60HZ-DC Mechanical Latching Unit WA4-14 1 piece 1SBN040200R1011 WA4-96-11 24-60V50/60HZ-DC Mechanical Latching Unit WA4-96-11 1 piece 1SBN040200R1012 WA4-96-12 48-130V50/60HZ-DC Mechanical Latching Unit WA4-96-12 1 piece 1SBN040200R1013 WA4-96-13 100-250V50/60HZ-DC Mechanical Latching Unit WA4-96-13 1 piece 1SBN040200R1014 WA4-96-14 250-500V50/60HZ-DC Mechanical Latching Unit WA4-96-13 1 piece	1SBN040100R1011		WA4-11	1	piece
ISBN040100R1013 Latching Unit WA4-13 I piece 1SBN040100R1014 WA4-14 250-500V50/60HZ-DC Mechanical Latching Unit WA4-14 1 piece 1SBN040200R1011 WA4-96-11 24-60V50/60HZ-DC Mechanical Latching Unit WA4-96-11 1 piece 1SBN040200R1012 WA4-96-12 48-130V50/60HZ-DC Mechanical Latching Unit WA4-96-12 1 piece 1SBN040200R1013 WA4-96-13 100-250V50/60HZ-DC Mechanical Latching Unit WA4-96-13 1 piece 1SBN040200R1014 WA4-96-14 250-500V50/60HZ-DC Mechanical Latching Unit WA4-96-14 1 piece	1SBN040100R1012		WA4-12	1	piece
ISBN040100R1014 Latching Unit WA4-14 I piece 1SBN040200R1011 WA4-96-11 24-60V50/60HZ-DC Mechanical Latching Unit WA4-96-11 1 piece 1SBN040200R1012 WA4-96-12 48-130V50/60HZ-DC Mechanical Latching Unit WA4-96-12 1 piece 1SBN040200R1013 WA4-96-13 100-250V50/60HZ-DC Mechanical Latching Unit WA4-96-13 1 piece 1SBN040200R1014 WA4-96-14 250-500V50/60HZ-DC Mechanical WA4-96-14 1 piece	1SBN040100R1013		WA4-13	1	piece
ISBN040200R1011 Latching Unit WA4-96-11 I piece 1SBN040200R1012 WA4-96-12 48-130V50/60HZ-DC Mechanical Latching Unit WA4-96-12 1 piece 1SBN040200R1013 WA4-96-13 100-250V50/60HZ-DC Mechanical Latching Unit WA4-96-13 1 piece 1SBN040200R1014 WA4-96-14 250-500V50/60HZ-DC Mechanical WA4-96-14 WA4-96-14 1 piece	1SBN040100R1014		WA4-14	1	piece
ISBN040200R1012 Latching Unit WA4-96-12 I piece 1SBN040200R1013 WA4-96-13 100-250V50/60HZ-DC Mechanical Latching Unit WA4-96-13 1 piece 1SBN040200R1014 WA4-96-14 250-500V50/60HZ-DC Mechanical WA4-96-14 1 piece	1SBN040200R1011		WA4-96-11	1	piece
Latching Unit WA4-96-13 I piece 15BN040200R1013 WA4-96-14 250-500V50/60HZ-DC Mechanical WA4-96-14 1 piece	1SBN040200R1012		WA4-96-12	1	piece
198000000000000000000000000000000000000	1SBN040200R1013		WA4-96-13	1	piece
	1SBN040200R1014		WA4-96-14	1	piece

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