

PRODUCT-DETAILS

AF12ZR-30-22-21

AF12ZR-30-22-21 24-60V50/60HZ 20-60VDC Reversing Contactor



General Information

Extended Product Type	AF12ZR-30-22-21
Product ID	1SBX203301R2122
EAN	3471523019737
Catalog Description	AF12ZR-30-22-21 24-60V50/60HZ 20-60VDC Reversing Contactor
Long Description	AF12ZR-30-22-21 24-60V50/60HZ 20-60VDC Reversing Contactor

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85364900

Dimensions

Product Net Width	90 mm
Product Net Depth / Length	102.5 mm
Product Net Height	104 mm
Product Net Weight	0.742 kg

Technical

Number of Main Contacts NO	3
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Number of Main Contacts NC	0
Number of Auxiliary Contacts NO	2
Number of Auxiliary Contacts NC	2
Rated Operational Voltage	Auxiliary Circuit 690 V Main Circuit 690 V
Rated Operational Current AC-1 (I_e)	(1000 V) 60 °C 28 A (690 V) 40 °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 Power AC-3 (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 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
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 UL/CSA 600 V
Rated Impulse Withstand Voltage (U_{imp})	6 kV
Rated Control Circuit Voltage (U_c)	50 Hz 24 ... 60 V 60 Hz 24 ... 60 V DC Operation 20 ... 60 V
Mounting on DIN Rail	TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715 TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715
Mounting by Screws (not supplied)	2 x M4 screws placed diagonally
Terminal Type	Screw Terminals

Environmental

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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Certificates and Declarations (Document Number)

CB Certificate	CB_SE-108879
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Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Gross Weight	0.892 kg
Package Level 1 EAN	3471523019737

Classifications

ETIM 6	EC000066 - Power contactor, AC switching
ETIM 7	EC000066 - Power contactor, AC switching
ETIM 8	EC000066 - Power contactor, AC switching
eClass	V11.0 : 27371003
UNSPSC	39121529

Categories

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

