

PRODUCT-DETAILS

AF80R-30-22-14

AF80R-30-22-14 250-500V50/60HZ-DC Reversing Contactor



General Information

Extended Product Type	AF80R-30-22-14
Product ID	1SBX211321R1422
EAN	3471523020092
Catalog Description	AF80R-30-22-14 250-500V50/60HZ-DC Reversing Contactor
Long Description	AF80R-30-22-14 250-500V50/60HZ-DC Reversing Contactor

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85364900

Dimensions

Product Net Width	140 mm
Product Net Depth / Length	149 mm
Product Net Height	151 mm
Product Net Weight	2.892 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 1000 V
Rated Operational Current AC-1 (I _e)	(1000 V) 60 °C 100 A (690 V) 40 °C 125 A (690 V) 70 °C 85 A
Rated Operational Current AC-3 (I _e)	(415 V) 60 °C 80 A (440 V) 60 °C 80 A (500 V) 60 °C 65 A (690 V) 60 °C 49 A (1000 V) 60 °C 25 A (380 / 400 V) 60 °C 80 A (220 / 230 / 240 V) 60 °C 80 A
Rated Operational Current AC-3e (I _e)	(415 V) 60 °C 80 A (440 V) 60 °C 80 A (500 V) 60 °C 65 A (690 V) 60 °C 49 A (380 / 400 V) 60 °C 80 A (220 / 230 / 240 V) 60 °C 80 A
Rated Operational Power AC-3 (P _e)	(415 V) 45 kW (440 V) 45 kW (500 V) 45 kW (690 V) 45 kW (1000 V) 35 kW (380 / 400 V) 37 kW (220 / 230 / 240 V) 22 kW
Rated Operational Power AC-3e (P _e)	(415 V) 45 kW (440 V) 45 kW (500 V) 45 kW (690 V) 45 kW (380 / 400 V) 37 kW (220 / 230 / 240 V) 22 kW
Rated Short-time Withstand Current Low Voltage (I _{cw})	at 40 °C Ambient Temp, in Free Air, from a Cold State 10 s 780 A at 40 °C Ambient Temp, in Free Air, from a Cold State 15 min 140 A at 40 °C Ambient Temp, in Free Air, from a Cold State 1 min 300 A at 40 °C Ambient Temp, in Free Air, from a Cold State 1 s 1200 A at 40 °C Ambient Temp, in Free Air, from a Cold State 30 s 450 A
Maximum Breaking Capacity	cos phi=0.45 (cos phi=0.35 for I _e > 100 A) at 440 V 1150 A cos phi=0.45 (cos phi=0.35 for I _e > 100 A) at 690 V 750 A
Rated Insulation Voltage (U _i)	acc. to UL/CSA 600 V
Rated Impulse Withstand Voltage (U _{imp})	8 kV
Rated Control Circuit Voltage (U _c)	50 Hz 250 ... 500 V 60 Hz 250 ... 500 V DC Operation 250 ... 500 V
Mounting on DIN Rail	TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715
Mounting by Screws (not supplied)	2 x M4 or 2 x M6 screws placed diagonally
Terminal Type	Screw Terminals

Environmental

Ambient Air Temperature	Close to Contactor Fitted with Thermal O/L Relay -40 ... 70 °C Close to Contactor without Thermal O/L Relay -40 ... 70 °C Close to Contactor for Storage -60 ... +80 °C
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Container Information

Package Level 1 Units	box 1 piece
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Package Level 1 Gross Weight

3.192 kg

Package Level 1 EAN

3471523020092

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

