

PRODUCT-DETAILS

AF80R-30-22-12

AF80R-30-22-12 48-130V50/60HZ-DC

Reversing Contactor



General Information

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|-----------------------|--|
| Extended Product Type | AF80R-30-22-12 |
| Product ID | 1SBX211321R1222 |
| EAN | 3471523020078 |
| Catalog Description | AF80R-30-22-12 48-130V50/60HZ-DC Reversing Contactor |
| Long Description | AF80R-30-22-12 48-130V50/60HZ-DC Reversing Contactor |

Ordering

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

Dimensions

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| Product Net Width | 140 mm |
| Product Net Depth / Length | 149 mm |
| Product Net Height | 151 mm |
| Product Net Weight | 2.934 kg |

Technical

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| 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 48 ... 130 V 60 Hz 48 ... 130 V DC Operation 48 ... 130 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

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| 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

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

3.234 kg

Package Level 1 EAN

3471523020078

Classifications

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| 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

