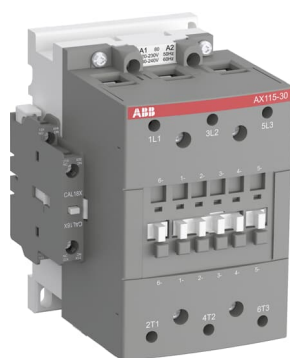


PRODUCT-DETAILS

AX115-30-11-83

AX115-30-11-83 Contactor



General Information

| | |
|-----------------------|--------------------------|
| Extended Product Type | AX115-30-11-83 |
| Product ID | 1SFL981074R8311 |
| EAN | 7320500500095 |
| Catalog Description | AX115-30-11-83 Contactor |
| Long Description | AX115-30-11-83 Contactor |

Classifications

| | |
|------------------------------------|---|
| Object Classification Code | Q |
| ETIM 4 | EC000066 - Magnet contactor, AC-switching |
| ETIM 5 | EC000066 - Magnet contactor, AC-switching |
| ETIM 6 | EC000066 - Power contactor, AC switching |
| ETIM 7 | EC000066 - Power contactor, AC switching |
| UNSPSC | 39121529 |
| IDEA Granular Category Code (IGCC) | 4755 >> Contactors |

Container Information

| | |
|--------------------------------|-------------|
| Package Level 1 Units | box 1 piece |
| Package Level 1 Width | 140 mm |
| Package Level 1 Depth / Length | 170 mm |

| | |
|------------------------------|---------------|
| Package Level 1 Height | 130 mm |
| Package Level 1 Gross Weight | 2.1 kg |
| Package Level 1 EAN | 7320500500095 |

Certificates and Declarations (Document Number)

| | |
|--------------------------------|-----------------|
| Declaration of Conformity - CE | 2CMT2015-005443 |
| Instructions and Manuals | N/A |
| RoHS Information | 2CMT2015-005443 |

Environmental

| | |
|--|---|
| Ambient Air Temperature | Close to Contactor for Storage -40 ... +70 °C Close to Contactor Fitted with Thermal O/L Relay (0.85 ... 1.1 Uc) -25 ... +55 °C Close to Contactor without Thermal O/L Relay (0.85 ... 1.1 Uc) -40 ... +70 °C |
| Maximum Operating Altitude Permissible | 3000 m |
| RoHS Status | Following EU Directive 2011/65/EU |

Technical

| | |
|--|---|
| Number of Main Contacts NO | 3 |
| Number of Main Contacts NC | 0 |
| Number of Auxiliary Contacts NO | 1 |
| Number of Auxiliary Contacts NC | 1 |
| Rated Operational Voltage | Main Circuit 1000 V |
| Rated Frequency (f) | Main Circuit 60 Hz |
| Conventional Free-air Thermal Current (I_{th}) | acc. to IEC 60947-4-1, Open Contactors $q = 40$ °C 160 A |
| Rated Operational Current AC-1 (I_e) | (690 V) 40 °C 160 A (690 V) 55 °C 145 A (690 V) 70 °C 130 A |
| Rated Operational Current AC-3 (I_e) | (220 / 230 / 240 V) 55 °C 115 A (380 / 400 V) 55 °C 115 A (415 V) 55 °C 115 A (440 V) 55 °C 100 A (500 V) 55 °C 100 A (690 V) 55 °C 82 A |
| Rated Operational Power AC-3 (P_e) | (220 / 230 / 240 V) 30 KWT (380 / 400 V) 55 KWT (415 V) 59 KWT (440 V) 59 KWT (500 V) 59 KWT (690 V) 75 KWT |
| Rated Breaking Capacity AC-3 acc. to IEC 60947-4-1 | 8 x I_e AC-3 |
| Rated Making Capacity AC-3 acc. to IEC 60947-4-1 | 10 x I_e AC-3 |
| Rated Short-time Withstand Current (I_{cw}) | at 40 °C Ambient Temp, in Free Air, from a Cold State 10 s 800 A at 40 °C Ambient Temp, in Free Air, from a Cold State 15 min 160 A at 40 °C Ambient Temp, in Free Air, from a Cold State 1 min 350 A at 40 °C Ambient Temp, in Free Air, from a Cold State 1 s 1320 A at 40 °C Ambient Temp, in Free Air, from a Cold State 30 s 500 A |
| Maximum Electrical Switching Frequency | 300 cycles per hour |

| | |
|---|---|
| Rated Insulation Voltage (U _i) | acc. to IEC 60947-4-1 and VDE 0110 (Gr. C) 690 V |
| Rated Impulse Withstand Voltage (U _{imp}) | 8 kV |
| Mechanical Durability | 10 million |
| Maximum Mechanical Switching Frequency | 3600 cycles per hour |
| Coil Operating Limits | (acc. to IEC 60947-4-1) U _c (at $\theta \leq 70\text{ }^{\circ}\text{C}$) |
| Rated Control Circuit Voltage (U _c) | 50 Hz 48 V 60 Hz 48 V |
| Degree of Protection | acc. to IEC 60529, IEC 60947-1, EN 60529 Auxiliary Terminals IP20 |
| Terminal Type | Main Circuit: Bars |

Dimensions

| | |
|----------------------------|----------|
| Product Net Width | 102 mm |
| Product Net Depth / Length | 123.5 mm |
| Product Net Height | 148 mm |
| Product Net Weight | 1.9 kg |

Popular Downloads

| | |
|--------------------------|-----|
| Instructions and Manuals | N/A |
|--------------------------|-----|

Ordering

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

Categories

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

