

## PRODUCT-DETAILS

# AF205-30-11-11

## AF205-30-11-11 Contactor



### General Information

|                       |                          |
|-----------------------|--------------------------|
| Extended Product Type | AF205-30-11-11           |
| Product ID            | 1SFL527002W1111          |
| EAN                   | 7320500504956            |
| Catalog Description   | AF205-30-11-11 Contactor |

#### Long Description

The AF205-30-11-11 is a 3 pole - 1000 V IEC or 600 V UL contactor with pre-mounted auxiliary contacts and Main Circuit Bars, controlling motors up to 110 kW / 400 V AC (AC-3) or 150 hp / 480 V UL and switching power circuits up to 350 A (AC-1) or 300 A UL general use. Thanks to the AF technology, the contactor has a wide control voltage range (24-60 V 50/60 Hz and 20-60 V 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 | 1 piece  |
| Customs Tariff Number  | 85364900 |

### Popular Downloads

|                                   |                 |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 1SBC100192C0204 |
| Instructions and Manuals          | 1SFC100008M0201 |

## Dimensions

|                            |        |
|----------------------------|--------|
| Product Net Width          | 105 mm |
| Product Net Depth / Length | 152 mm |
| Product Net Height         | 196 mm |
| Product Net Weight         | 2.4 kg |

## 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 Current AC-1 (I <sub>e</sub> )                  | (1000 V) 40 °C 275 A<br>(1000 V) 60 °C 250 A<br>(1000 V) 70 °C 200 A<br>(690 V) 40 °C 350 A<br>(690 V) 60 °C 300 A<br>(690 V) 70 °C 240 A  |
| Rated Operational Current AC-3 (I <sub>e</sub> )                  | (415 V) 55 °C 205 A<br>(440 V) 55 °C 205 A<br>(500 V) 55 °C 186 A<br>(690 V) 55 °C 165 A<br>(1000 V) 55 °C 100 A<br>(380 / 400 V) 55 °C 205 A<br>(220 / 230 / 240 V) 55 °C 205 A   |
| Rated Operational Power AC-3 (P <sub>e</sub> )                    | (415 V) 110 kW<br>(440 V) 132 kW<br>(500 V) 132 kW<br>(690 V) 160 kW<br>(1000 V) 132 kW<br>(380 / 400 V) 110 kW<br>(220 / 230 / 240 V) 55 kW   |
| Rated Short-time Withstand Current Low Voltage (I <sub>cw</sub> ) | at 40 °C Ambient Temp, in Free Air, from a Cold State 10 s 1640 A<br>at 40 °C Ambient Temp, in Free Air, from a Cold State 15 min 350 A<br>at 40 °C Ambient Temp, in Free Air, from a Cold State 1 min 670 A<br>at 40 °C Ambient Temp, in Free Air, from a Cold State 1 s 2050 A<br>at 40 °C Ambient Temp, in Free Air, from a Cold State 30 s 947 A |
| Mechanical Durability   | 5 million  |
| Maximum Mechanical Switching Frequency                            | 300 cycles per hour  |
| Rated Control Circuit Voltage (U <sub>c</sub> )                   | 50 Hz / 60 Hz 24 ... 60 V<br>DC Operation 20 ... 60 V  |
| Coil Consumption  | Holding at Max. Rated Control Circuit Voltage 50 Hz 6 V-A<br>Holding at Max. Rated Control Circuit Voltage 60 Hz 6 V-A<br>Pull-in at Max. Rated Control Circuit Voltage 50 Hz 165 V-A<br>Pull-in at Max. Rated Control Circuit Voltage 60 Hz 165 V-A<br>Pull-in at Max. Rated Control Circuit Voltage DC 205 W                                       |

## Technical UL/CSA

|                                  |                     |
|----------------------------------|---------------------|
| Maximum Operating Voltage UL/CSA | Main Circuit 1000 V |
|----------------------------------|---------------------|

## Environmental

|             |  |
|-------------|--|
| RoHS Status | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |
|-------------|--|

## Certificates and Declarations (Document Number)

|                                    |  |
|------------------------------------|--|
| ABS Certificate                    | 14-LD1092198-PDA                           |
| BV Certificate                     | BV_36353_A0BV                              |
| CB Certificate                     | SE-82315                                   |
| CCS Certificate                    | GB14T00030                                 |
| CQC Certificate                    | CQC2014010304676685<br>CQC2014010304724672 |
| cUL Certificate                    | 20121023-E36588                            |
| Declaration of<br>Conformity - CCC | 2020980304001306<br>2020980304001071       |
| Declaration of<br>Conformity - CE  | 2CMT2015-005439                            |
| DNV Certificate                    | DNV_E-14043                                |
| EAC Certificate                    | EAC_RUC-SE.ME77.B.01005                    |
| GL Certificate                     | GL_95072-14HH                              |
| Instructions and<br>Manuals        | 1SFC100008M0201                            |
| LR Certificate                     | LR_14_70011(E1)                            |
| PRS Certificate                    | TE_2092_880423_16                          |
| RINA Certificate                   | ELE060313XG_002                            |
| RMRS Certificate                   | 9AKK107045A6978                            |
| RoHS Information                   | 2CMT2015-005439                            |
| UL Listing Card                    | UL_E36588                                  |

## Container Information

|                                   |               |
|-----------------------------------|---------------|
| Package Level 1 Units             | box 1 piece   |
| Package Level 1 Width             | 160 mm        |
| Package Level 1 Depth /<br>Length | 258 mm        |
| Package Level 1 Height            | 235 mm        |
| Package Level 1 Gross<br>Weight   | 3 kg          |
| Package Level 1 EAN               | 7320500504956 |

## Classifications

|                                       |   |
|---------------------------------------|---|
| Object Classification<br>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  |
| ETIM 8                                | EC000066 - Power contactor, AC switching  |
| eClass                                | V11.0 : 27371003                          |
| UNSPSC                                | 39121529                                  |
| IDEA Granular Category<br>Code (IGCC) | 4755 >> Contactors                        |

## Categories

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

