



Representative Image

## Alternate Catalog No. AF205B-30-22RT-11 Catalog No. 1SFL527062R1122

**Description:** AF205B-30-22RT-11 Contactor

**UPC No** 7320500510322

**Home > Contactors & Starters > UL Listed IEC Contactors > AF Contactors**

A 3-pole Contactor suitable for Railway applications such as Motor starting, Isolation, By-pass and Distribution application up to max 1000 V. Operated with wide control voltage range 24-60 V, 50 and 60 Hz, 20-60 V DC

### Descriptors

|                      |                  |
|----------------------|------------------|
| Category             | AF Contactors    |
| Block Contactor Type | 4-Pole Contactor |

### Specifications

|                                    |                                                                                                                                                                                                                                                                                                                                                      |
|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Type                       | AF                                                                                                                                                                                                                                                                                                                                                   |
| General Use Rating UL/CSA          | (600 V AC) 300 A                                                                                                                                                                                                                                                                                                                                     |
| Object Classification Code         | Q                                                                                                                                                                                                                                                                                                                                                    |
| Terminal Type                      | Ring-Tongue Terminals                                                                                                                                                                                                                                                                                                                                |
| Rated Control Circuit Voltage      | 50 Hz /60 Hz 24 ... 60 V<br>DC Operation 20 ... 60 V                                                                                                                                                                                                                                                                                                 |
| Number of Main Contacts NO         | 3                                                                                                                                                                                                                                                                                                                                                    |
| Number of Main Contacts NC         | 0                                                                                                                                                                                                                                                                                                                                                    |
| Number of Auxiliary Contacts NO    | 2                                                                                                                                                                                                                                                                                                                                                    |
| RoHS Status                        | Following EU Directive 2011/65/EU                                                                                                                                                                                                                                                                                                                    |
| Number of Auxiliary Contacts NC    | 2                                                                                                                                                                                                                                                                                                                                                    |
| Rated Operational Current AC-1     | (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 Power AC-3       | (1000 V) 132 KWT<br>(220 / 230 / 240 V) 55 KWT<br>(380 / 400 V) 110 KWT<br>(415 V) 110 KWT<br>(440 V) 132 KWT<br>(500 V) 110 KWT<br>(690 V) 160 KWT                                                                                                                                                                                                  |
| Rated Short-time Withstand Current | 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 |
| Rated Operational Current AC-3     | (1000 V) 55 °C 100 A<br>(220 / 230 / 240 V) 55 °C 205 A<br>(380 / 400 V) 55 °C 205 A<br>(415 V) 55 °C 205 A<br>(440 V) 55 °C 205 A<br>(500 V) 55 °C 165 A<br>(690 V) 55 °C 165 A                                                                                                                                                                     |

**by ABB**

## Specifications

|                                        |                     |
|----------------------------------------|---------------------|
| Mechanical Durability                  | 5000000 cycle       |
| Maximum Mechanical Switching Frequency | 300 cycles per hour |

## Classifications

|                                    |                                           |
|------------------------------------|-------------------------------------------|
| ETIM 4                             | EC000066 - Magnet contactor, AC-switching |
| ETIM 6.0                           | EC000066 - Power contactor, AC switching  |
| ETIM 7                             | EC000066 - Power contactor, AC switching  |
| IDEA Granular Category Code (IGCC) | 4755 >> Contactors                        |
| ETIM 5.0                           | EC000066 - Magnet contactor, AC-switching |

## Dimensions

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

## Package Information

|                                |               |
|--------------------------------|---------------|
| Package Level 1 Width          | 160 mm        |
| Package Level 1 Height         | 235 mm        |
| Package Level 1 Depth / Length | 258 mm        |
| Package Level 1 EAN            | 7320500510322 |
| Package Level 1 Units          | box 1 piece   |
| Package Level 1 Gross Weight   | 3 kg          |

## Ordering

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