



360°

Representative Image

## Alternate Catalog No. AF116B-30-22RT-11 Catalog No. 1SFL427062R1122

**Description:** AF116B-30-22RT-11 Contactor

**UPC No** 7320500509814

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A 3-pole Contactor suitable for Railway applications such as Motor starting, Isolation, By-pass and Distribution application up to max 690 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) 160 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         | (690 V) 40 °C 160 A<br>(690 V) 60 °C 145 A<br>(690 V) 70 °C 130 A                                                                                                                                                                                                                                                                                   |
| Rated Operational Power AC-3           | (220 / 230 / 240 V) 30 KWT<br>(380 / 400 V) 55 KWT<br>(415 V) 55 KWT<br>(440 V) 75 KWT<br>(500 V) 75 KWT<br>(690 V) 55 KWT                                                                                                                                                                                                                          |
| Rated Short-time Withstand Current     | at 40 °C Ambient Temp, in Free Air, from a Cold State 10 s 928 A<br>at 40 °C Ambient Temp, in Free Air, from a Cold State 15 min 160 A<br>at 40 °C Ambient Temp, in Free Air, from a Cold State 1 min 379 A<br>at 40 °C Ambient Temp, in Free Air, from a Cold State 1 s 1300 A<br>at 40 °C Ambient Temp, in Free Air, from a Cold State 30 s 536 A |
| Rated Operational Current AC-3         | (220 / 230 / 240 V) 55 °C 116 A<br>(380 / 400 V) 55 °C 116 A<br>(415 V) 55 °C 116 A<br>(440 V) 55 °C 116 A<br>(500 V) 55 °C 110 A<br>(690 V) 55 °C 65 A                                                                                                                                                                                             |
| Mechanical Durability                  | 5000000 cycle                                                                                                                                                                                                                                                                                                                                       |
| Maximum Mechanical Switching Frequency | 300 cycles per hour                                                                                                                                                                                                                                                                                                                                 |

by **ABB**

## 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         | 1.3kg  |
| Product Net Depth / Length | 126 mm |
| Product Net Width          | 90 mm  |
| Product Net Height         | 150 mm |

## Package Information

|                                |               |
|--------------------------------|---------------|
| Package Level 1 Width          | 207 mm        |
| Package Level 1 Height         | 150 mm        |
| Package Level 1 Depth / Length | 216 mm        |
| Package Level 1 EAN            | 7320500509814 |
| Package Level 1 Units          | box 1 piece   |
| Package Level 1 Gross Weight   | 1.5 kg        |

## Ordering

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