



Representative Image

## Alternate Catalog No. AF140-40-22B-11 Catalog No. 1SFL447102R1122

**Description:** AF140-40-22B-11 Contactor

**UPC No** 7320500505250

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

A 3-phase Contactor suitable for various 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 |    |

## Specifications

|                                                  |                                                                                                                                                                                                                                                                                                                                                      |
|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Rated Short-time Withstand Current               | at 40 °C Ambient Temp, in Free Air, from a Cold State 10 s 1168 A<br>at 40 °C Ambient Temp, in Free Air, from a Cold State 15 min 200 A<br>at 40 °C Ambient Temp, in Free Air, from a Cold State 1 min 477 A<br>at 40 °C Ambient Temp, in Free Air, from a Cold State 1 s 1460 A<br>at 40 °C Ambient Temp, in Free Air, from a Cold State 30 s 674 A |
| Rated Operational Current AC-3                   | (220 / 230 / 240 V) 55 °C 140 A<br>(380 / 400 V) 55 °C 140 A<br>(415 V) 55 °C 140 A<br>(440 V) 55 °C 140 A                                                                                                                                                                                                                                           |
| Rated Making Capacity AC-3 acc. to IEC 60947-4-1 | 10 x I <sub>e</sub> AC-3                                                                                                                                                                                                                                                                                                                             |
| Maximum Electrical Switching Frequency           | AC-1 300 cycles per hour                                                                                                                                                                                                                                                                                                                             |
| Short-Circuit Protective Devices                 | gG Type Fuses 250 A                                                                                                                                                                                                                                                                                                                                  |
| Rated Insulation Voltage                         | acc. to UL/CSA 600 V<br>acc. to IEC 60947-4-1 and VDE 0110 (Gr. C) 1000 V                                                                                                                                                                                                                                                                            |
| Maximum Breaking Capacity                        | cos phi=0.45 (cos phi=0.35 for I <sub>e</sub> > 100 A) at 440 V 3000 A                                                                                                                                                                                                                                                                               |
| Mechanical Durability                            | 5 million                                                                                                                                                                                                                                                                                                                                            |
| Coil Operating Limits                            | (acc. to IEC 60947-4-1) 0.85 x U <sub>c</sub> Min. ... 1.1 x U <sub>c</sub> Max. (at $\theta \leq 70^\circ$ C)                                                                                                                                                                                                                                       |
| Maximum Mechanical Switching Frequency           | 300 cycles per hour                                                                                                                                                                                                                                                                                                                                  |
| Operate Time                                     | Between Coil De-energization and NO Contact Opening 40 ... 70 ms<br>Between Coil Energization and NO Contact Closing 20 ... 55 ms                                                                                                                                                                                                                    |
| Secondary                                        |                                                                                                                                                                                                                                                                                                                                                      |

### Package Information

|                              |             |
|------------------------------|-------------|
| Package Level 1 Units        | box 1 piece |
| Package Level 1 Gross Weight | 2.15 kg     |

### Ordering

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