# A63-30-22 220-230V 50Hz / 230-240V 60Hz
A63-30-22 220-230V 50Hz / 230-240V 60Hz Contactor

## General Information

<table>
<thead>
<tr>
<th>Extended Product Type</th>
<th>A63-30-22 220-230V 50Hz / 230-240V 60Hz</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product ID</td>
<td>1SBL371001R8022</td>
</tr>
<tr>
<td>EAN</td>
<td>3471522089809</td>
</tr>
<tr>
<td>Catalog Description</td>
<td>A63-30-22 220-230V 50Hz / 230-240V 60Hz Contactor</td>
</tr>
</tbody>
</table>

### Long Description

A63 contactors are mainly used for controlling 3-phase motors and generally for controlling power circuits up to 690 V AC / 1000 V AC or 220 V DC. The contactors can also be used for many other applications such as isolation, capacitor switching, lighting. The A... series 2-stack 3-pole contactors are of the block type design. - Main poles and auxiliary contact blocks: 3 main poles, 2nd stack with 4 built-in auxiliary contacts, front and side-mounted add-on auxiliary contact blocks - Control circuit: AC operated with laminated magnet circuit - Accessories: a wide range of accessories is available.

## Ordering

<table>
<thead>
<tr>
<th>Minimum Order Quantity</th>
<th>1 piece</th>
</tr>
</thead>
<tbody>
<tr>
<td>Customs Tariff Number</td>
<td>85364900</td>
</tr>
</tbody>
</table>

## Popular Downloads

<table>
<thead>
<tr>
<th>Data Sheet, Technical Information</th>
<th>1SBC100122C0202_Ch02</th>
</tr>
</thead>
<tbody>
<tr>
<td>Instructions and Manuals</td>
<td>FPTC407700P0003</td>
</tr>
</tbody>
</table>
### Dimensions

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Product Net Width</td>
<td>70 mm</td>
</tr>
<tr>
<td>Product Net Depth / Length</td>
<td>140.3 mm</td>
</tr>
<tr>
<td>Product Net Height</td>
<td>110 mm</td>
</tr>
<tr>
<td>Product Net Weight</td>
<td>1.23 kg</td>
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</tbody>
</table>

### Technical

**Number of Main Contacts**
- NO: 3
- NC: 0

**Number of Auxiliary Contacts**
- NO: 2
- NC: 2

**Standards**
- Devices complying with international standards IEC 947-1 / 947-4-1, and European standards EN 60 947-1 / 60 947-4-1. Electromagnetic compatibility (EMC) acc. to amendment A11 to IEC 947-1, EN 60 947-1 and amendment 2 to IEC 947-4-1

**Rated Operational Voltage**
- Main Circuit 1000 V

**Rated Frequency (f)**
- Supply Circuit 50 Hz

**Conventional Free-air Thermal Current (I<sub>th</sub>)**
- (690 V) 40 °C 115 A
- (690 V) 55 °C 95 A
- (690 V) 70 °C 80 A
- (415 V) 55 °C 65 A
- (440 V) 55 °C 65 A
- (500 V) 55 °C 55 A
- (690 V) 55 °C 43 A
- (1000 V) 55 °C 25 A
- (380 / 400 V) 55 °C 65 A
- (220 / 230 / 240 V) 55 °C 65 A

**Rated Operational Power AC-3 (P<sub>e</sub>)**
- (415 V) 37 kW
- (440 V) 37 kW
- (500 V) 37 kW
- (690 V) 37 kW
- (380 / 400 V) 30 kW
- (220 / 230 / 240 V) 18.5 kW

**Rated Operational Power AC-6b (P<sub>e</sub>)**
- (230 / 240 V) 40 °C, 50 / 60 Hz 25 kvar
- (230 / 240 V) 55 °C, 50 / 60 Hz 25 kvar
- (230 / 240 V) 70 °C, 50 / 60 Hz 23 kvar
- (400 / 415 V) 40 °C, 50 / 60 Hz 43 kvar
- (400 / 415 V) 70 °C, 50 / 60 Hz 39 kvar
- (440 V) 70 °C, 50 / 60 Hz 42.5 kvar
- (500 / 550 V), 40 °C, 50 / 60 Hz 54 kvar
- (500 / 550 V) 55 °C, 50 / 60 Hz 54 kvar
- (500 / 550 V) 70 °C, 50 / 60 Hz 48.5 kvar
- (690 V) 40 °C, 50 / 60 Hz 74 kvar
- (690 V) 55 °C, 50 / 60 Hz 74 kvar
- (690 V) 70 °C, 50 / 60 Hz 67 kvar

**Rated Operational Current AC-1 (I<sub>e</sub>)**

**Rated Operational Current AC-15 (I<sub>e</sub>)**
- (500 V) 2 A
- (690 V) 2 A
- (24 / 127 V) 6 A
- (220 / 240 V) 4 A

**Rated Breaking Capacity AC-3 acc. to IEC 60947-4-1**
- 8 x I<sub>e</sub>

**Rated Making Capacity AC-3 acc. to IEC 60947-4-1**
- 10 x I<sub>e</sub>

**Rated Operational Current AC-15 (I<sub>e</sub>)**
- (500 V) 2 A
- (690 V) 2 A
- (24 / 127 V) 6 A
- (220 / 240 V) 4 A
Auxiliary Circuit - gG Type Fuses 10 A

Cost phi=0.45 (cos phi=0.35 for le > 100 A) at 440 V 1300 A

Maximum Breaking Capacity

Maximum Electrical Switching Frequency

Rated Operational Current DC-13 (Ie)

Rated Insulation Voltage (U)

Rated Impulse Withstand Voltage (Uimp)

Mechanical Durability

Maximum Mechanical Switching Frequency

Rated Control Circuit Voltage (Uc)

Coil Consumption

Operate Time

Connecting Capacity Main Circuit Flexible with Cable End 6 ... 16 mm² Rigid Cable 6 ... 25 mm²

Connecting Capacity Auxiliary Circuit Flexible with Cable End 0.75 ... 2.5 mm² Rigid Cable 1 ... 4 mm²

Degree of Protection acc. to IEC 60529, IEC 60947-1, EN 60529 Coil Terminals IP20

Connecting Terminals (delivered in open position) Main Poles M 6 (+,-) pozidriv 2 screws with 1x (13 x 10 mm) connector

Terminal Type Screw Terminals

Environmental

Ambient Air Close to Contactor Fitted with Thermal O/L Relay -25 ... +55 °C

Temperature Close to Contactor without Thermal O/L Relay (0.85 ... 1.1 Uc) -40 ... +55 °C

Climatic Withstand acc. to IEC 60068-2-30 and 60068-2-11 - UTE C 63-100 specification II

Maximum Operating Altitude Permissible 3000 m

RoHS Status Following EU Directive 2011/65/EU

Certificates and Declarations (Document Number)

BV Certificate BV_2634H07559E0

CB Certificate CB_CN45324

CCC Certificate CCC_2018010304129267

CSA Certificate CSA_1033838_LR056745

Declaration of Conformity - CE 1SBD250801U1000

DNV Certificate DNV-GL_TAE00000TX

DNV GL Certificate DNV-GL_TAE00000TX

EAC Certificate EAC_RU C-FR ME77 B01010
Environmental Information

<table>
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<tr>
<th>Certificate Type</th>
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<tbody>
<tr>
<td>GOST Certificate</td>
<td>GOST_POCFCRMET7B07175</td>
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<tr>
<td>Instructions and Manuals</td>
<td>FPTC407700P0003</td>
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<tr>
<td>LR Certificate</td>
<td>LRS_9830011E4</td>
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<tr>
<td>RINA Certificate</td>
<td>RINA_ELE17Z315XG001</td>
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<tr>
<td>RMRS Certificate</td>
<td>RMRS_0507015250</td>
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<tr>
<td>RoHS Information</td>
<td>1SBD250801U1000</td>
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<tr>
<td>UL Certificate</td>
<td>UL_20120830-E312527-10-1</td>
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<td>UL Listing Card</td>
<td>UL_E312527</td>
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Container Information

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<thead>
<tr>
<th>Package Level</th>
<th>Units</th>
<th>Width</th>
<th>Depth / Length</th>
<th>Height</th>
<th>Gross Weight</th>
<th>EAN</th>
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<tbody>
<tr>
<td>Level 1</td>
<td>1</td>
<td>142 mm</td>
<td>190 mm</td>
<td>136 mm</td>
<td>1.23 kg</td>
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<td>Level 2</td>
<td>box 8</td>
<td>503 mm</td>
<td>153 mm</td>
<td>307 mm</td>
<td>9.84 kg</td>
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<td>Level 3</td>
<td>84</td>
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Classifications

<table>
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<tr>
<th>Object Classification Code</th>
<th>EC000066 - Magnet contactor, AC-switching</th>
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<tbody>
<tr>
<td>ETIM 4</td>
<td>EC000066 - Magnet contactor, AC-switching</td>
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<tr>
<td>ETIM 5</td>
<td>EC000066 - Magnet contactor, AC-switching</td>
</tr>
<tr>
<td>ETIM 6</td>
<td>EC000066 - Power contactor, AC switching</td>
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<td>ETIM 7</td>
<td>EC000066 - Power contactor, AC switching</td>
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<td>UNSPSC</td>
<td>39121529</td>
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Categories

Low Voltage Products and Systems → Control Products → Contactors → Block Contactors
A63-30-22 220-230V 50Hz / 230-240V 60Hz