

PRODUCT-DETAILS

# A30-30-10 24V 50Hz / 24V 60 Hz

## A30-30-10 24V 50Hz / 24V 60 Hz Contactor



### General Information

|                       |  |
|-----------------------|--|
| Extended Product Type | A30-30-10 24V 50Hz / 24V 60 Hz           |
| Product ID            | 1SBL281001T8110                          |
| EAN                   | 3471522373816                            |
| Catalog Description   | A30-30-10 24V 50Hz / 24V 60 Hz Contactor |

#### Long Description

A30 contactors are mainly used for controlling 3-phase motors and generally for controlling power circuits up to 690 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 1-stack 3-pole contactors are of the block type design. - Main poles and auxiliary contact blocks: 3 main poles, 1 built-in auxiliary contact, 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

|                              |                 |
|------------------------------|-----------------|
| Minimum Order Quantity       | 10 piece        |
| Customs Tariff Number        | 85364900        |
| Replacement Product ID (NEW) | 1SBL271001R8100 |

### Popular Downloads

|                                   |                      |
|-----------------------------------|----------------------|
| Data Sheet, Technical Information | 1SBC100122C0202_Ch02 |
| Instructions and Manuals          | FPTC407722P0001      |

## Dimensions

|                            |          |
|----------------------------|----------|
| Product Net Width          | 54 mm    |
| Product Net Depth / Length | 108.3 mm |
| Product Net Height         | 90 mm    |
| Product Net Weight         | 0.71 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                    | 0   |
| Rated Operational Current AC-1 ( $I_e$ )           | (690 V) 40 °C 55<br>(690 V) 55 °C 55<br>(690 V) 70 °C 39  |
| Rated Operational Current AC-3 ( $I_e$ )           | (415 V) 55 °C 32 A<br>(440 V) 55 °C 32 A<br>(500 V) 55 °C 28 A<br>(690 V) 55 °C 21 A<br>(380 / 400 V) 55 °C 32 A<br>(220 / 230 / 240 V) 55 °C 33  |
| Rated Operational Power AC-3 ( $P_e$ )             | (415 V) 15 kW<br>(440 V) 18.5 kW<br>(500 V) 180 kW<br>(690 V) 18.5 kW<br>(380 / 400 V) 15 kW<br>(220 / 230 / 240 V) 9 kW  |
| Rated Breaking Capacity AC-3 acc. to IEC 60947-4-1 | 8 x $I_e$ AC-3  |
| Rated Making Capacity AC-3 acc. to IEC 60947-4-1   | 10 x $I_e$ AC-3   |
| Rated Insulation Voltage ( $U_i$ )                 | acc. to IEC 60947-4-1 and VDE 0110 (Gr. C) 1000 V<br>acc. to UL/CSA 600 V   |
| Rated Impulse Withstand Voltage ( $U_{imp}$ )      | 8 kV  |
| Rated Control Circuit Voltage ( $U_c$ )            | 50 Hz 24 V<br>60 Hz 24 V  |
| Degree of Protection                               | acc. to IEC 60529, IEC 60947-1, EN 60529 Auxiliary Terminals IP20<br>acc. to IEC 60529, IEC 60947-1, EN 60529 Coil Terminals IP20<br>acc. to IEC 60529, IEC 60947-1, EN 60529 Main Terminals IP20 |
| Terminal Type                                      | Screw Terminals   |

## Technical UL/CSA

|                           |                 |
|---------------------------|-----------------|
| General Use Rating UL/CSA | (600 V AC) 50 A |
|---------------------------|-----------------|

## Environmental

|  |   |
|--|---|
| Ambient Air Temperature                | Close to Contactor Fitted with Thermal O/L Relay -25 ... 55 °C<br>Close to Contactor for Storage -60 ... +80 °C |
| Maximum Operating Altitude Permissible | Without Derating 3000 m   |

RoHS Status

Following EU Directive 2011/65/EU

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**Certificates and Declarations (Document Number)**


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|                                    |  |
|------------------------------------|--|
| BV Certificate                     | BV_2634H07559E0                            |
| CB Certificate                     | CB_FR_602227A                              |
| CCC Certificate                    | CCC_2013010304615752                       |
| CQC Certificate                    | CQC2013010304615752<br>CQC2004010309133982 |
| CSA Certificate                    | CSA_1033838_LR056745                       |
| Declaration of<br>Conformity - CCC | 2020980304001609<br>2020980304001227       |
| Declaration of<br>Conformity - CE  | 1SBD250801U1000                            |
| DNV Certificate                    | DNV-GL_TAE00000TX                          |
| DNV GL Certificate                 | DNV-GL_TAE00000TX                          |
| EAC Certificate                    | EAC_RU C-FR ME77 B03599                    |
| Environmental<br>Information       | 1SBD250005E1002                            |
| Instructions and<br>Manuals        | FPTC407722P0001                            |
| LR Certificate                     | LRS_9830011E4                              |
| RINA Certificate                   | RINA_ELE172319XG001                        |
| RoHS Information                   | 1SBD250801U1000                            |

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**Container Information**


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|                                   |               |
|-----------------------------------|---------------|
| Package Level 1 Units             | 10 piece      |
| Package Level 1 Width             | 185 mm        |
| Package Level 1 Depth /<br>Length | 302 mm        |
| Package Level 1 Height            | 117 mm        |
| Package Level 1 Gross<br>Weight   | 7.1 kg        |
| Package Level 1 EAN               | 3471522373816 |

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**Classifications**


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|                               |   |
|-------------------------------|---|
| 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  |
| eClass                        | V11.0 : 27371003                          |
| UNSPSC                        | 39121529                                  |

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**Categories**


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

