

## AF40-30-00-13

**General Information**

|                               |   |
|-------------------------------|---|
| <b>Extended Product Type:</b> | AF40-30-00-13   |
| <b>Product ID:</b>            | 1SBL347001R1300   |
| <b>EAN:</b>                   | 3471523132030   |
| <b>Catalog Description:</b>   | AF40-30-00-13 100-250V50/60HZ-DC Contactor  |
| <b>Long Description:</b>      | AF40 contactors are used for controlling power circuits up to 690 V AC and 220 V DC. They are mainly used for controlling 3-phase motors, non-inductive or slightly inductive loads. AF... contactors include an electronic coil interface accepting a wide control voltage $U_c$ min. ... $U_c$ max. Only four coils cover control voltages between 24...500 V 50/60 Hz or 20...500 V DC. AF contactors can manage large control voltage variations. One coil can be used for different control voltages used worldwide without any coil change. AF contactors have built-in surge protection and do not require additional surge suppressors. The AF... series 1-stack 3-pole contactors are of the block type design. - Main poles and auxiliary contact blocks: 3 main poles, front and side-mounted add-on auxiliary contact blocks (mechanically-linked auxiliary contacts compliant with Annex L of IEC 60947-5-1. N.C. mirror contacts compliant with Annex F of IEC 60947-4-1) - Control circuit: AC or DC operated - Accessories: a wide range of accessories is available. |

**Categories**

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

**Ordering**

|                                |               |
|--------------------------------|---------------|
| <b>EAN:</b>                    | 3471523132030 |
| <b>Minimum Order Quantity:</b> | 1 piece       |
| <b>Customs Tariff Number:</b>  | 85369085      |

**Dimensions**

|                            |          |
|----------------------------|----------|
| <b>Product Net Width:</b>  | 55.0 mm  |
| <b>Product Net Depth:</b>  | 111.0 mm |
| <b>Product Net Height:</b> | 125.5 mm |
| <b>Product Net Weight:</b> | 0.950 kg |

**Container Information**

|                                      |               |
|--------------------------------------|---------------|
| <b>Package Level 1 Units:</b>        | 1 piece       |
| <b>Package Level 1 Width:</b>        | 150 mm        |
| <b>Package Level 1 Length:</b>       | 150 mm        |
| <b>Package Level 1 Height:</b>       | 87 mm         |
| <b>Package Level 1 Gross Weight:</b> | 1.05000 kg    |
| <b>Package Level 1 EAN:</b>          | 3471523132030 |

**Environmental**

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| <b>Ambient Air Temperature:</b>                        | Close to Contactor for Storage -60...+80 °C<br>Close to Contactor Fitted with Thermal O/L Relay -25 ... +60 °C<br>Close to Contactor without Thermal O/L Relay -40 ... +70 °C                                    |
| <b>Maximum Operating Altitude Permissible:</b>         | 3000 m   |
| <b>Resistance to Shock acc. to IEC 60068-2-27:</b>     | Closed, Shock Direction: A 25 g<br>Closed, Shock Direction: B1 25 g<br>Closed, Shock Direction: B2 15 g<br>Closed, Shock Direction: C1 25 g<br>Closed, Shock Direction: C2 25 g<br>Open, Shock Direction: B1 5 g |
| <b>Resistance to Vibrations acc. to IEC 60068-2-6:</b> | 5...300 Hz 3 g closed position / 3 g open position   |

## Technical

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| <b>Rated Operational Power AC-3 (<math>P_e</math>):</b>   | (220 / 230 / 240V) 11 kW<br>(380 / 400V) 18.5 kW<br>(415V) 22 kW<br>(440V) 22 kW<br>(500V) 22 kW<br>(690V) 22 kW |
| <b>Rated Operational Current AC-1 (<math>I_e</math>):</b> | (690V) 40°C 70 A<br>(690V) 60°C 60 A<br>(690V) 70°C 50 A   |
| <b>Number of Main Contacts NO:</b>                        | 3  |
| <b>Number of Main Contacts NC:</b>                        | 0  |
| <b>Number of Auxiliary Contacts NO:</b>                   | 0  |
| <b>Number of Auxiliary Contacts NC:</b>                   | 0  |
| <b>Rated Control Circuit Voltage (<math>U_c</math>):</b>  | 50 Hz 100...250 V<br>60 Hz 100...250 V<br>DC Operation 100...250 V   |
| <b>Terminal Type:</b>                                     | Screw Terminals  |

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## Technical UL/CSA

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| <b>Tightening Torque UL/CSA:</b> | Control Circuit 11 in·lb<br>Main Circuit 35 in·lb |
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## Certificates and Declarations (Document Number)

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| <b>CB Certificate:</b>                 | CB_SE_72130A1            |
| <b>CCC Certificate:</b>                | CCC_2012010304589737     |
| <b>cUL Certificate:</b>                | UL_20130926-E312527_14_1 |
| <b>Declaration of Conformity - CE:</b> | 1SBD250176C3000          |
| <b>EAC Certificate:</b>                | EAC_RU C-FR ME77 B01010  |
| <b>GL Certificate:</b>                 | GL_60841-13HH            |
| <b>LR Certificate:</b>                 | LRS_1300087E1            |
| <b>RINA Certificate:</b>               | RINA_ELE084013XG         |
| <b>RMRS Certificate:</b>               | RMRS_1400682124          |
| <b>RoHS Information:</b>               | 1SBD251021E1000          |

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## Classifications

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| <b>E-nummer:</b> | 3210033 |
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