

## General Information

|                               |  |
|-------------------------------|--|
| <b>Extended Product Type:</b> | AS09-30-10-20  |
| <b>Product ID:</b>            | 1SBL101001R2010  |
| <b>EAN:</b>                   | 3471523032200  |
| <b>Catalog Description:</b>   | AS09-30-10-20 24V50/60HZ Contactor   |
| <b>Long Description:</b>      | AS09 contactors are mainly used for controlling 3-phase motors and generally for controlling power circuits up to 690 V AC or 220 V DC. They are mainly used for controlling 3-phase motors, non-inductive or slightly inductive loads. The AS... 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-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 operated with laminated magnet circuit - Accessories: a wide range of accessories is available. |

## Categories

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

## Ordering

|                                |               |
|--------------------------------|---------------|
| <b>EAN:</b>                    | 3471523032200 |
| <b>Minimum Order Quantity:</b> | 1 piece       |
| <b>Customs Tariff Number:</b>  | 85369085      |

## Dimensions

|                            |          |
|----------------------------|----------|
| <b>Product Net Width:</b>  | 45.0 mm  |
| <b>Product Net Depth:</b>  | 72.5 mm  |
| <b>Product Net Height:</b> | 68.0 mm  |
| <b>Product Net Weight:</b> | 0.220 kg |

## Container Information

|                                      |               |
|--------------------------------------|---------------|
| <b>Package Level 1 Units:</b>        | 1 piece       |
| <b>Package Level 1 Width:</b>        | 78 mm         |
| <b>Package Level 1 Length:</b>       | 80 mm         |
| <b>Package Level 1 Height:</b>       | 48 mm         |
| <b>Package Level 1 Gross Weight:</b> | 0.22000 kg    |
| <b>Package Level 1 EAN:</b>          | 3471523032200 |
| <b>Package Level 2 Units:</b>        | 40 piece      |
| <b>Package Level 2 Width:</b>        | 250 mm        |
| <b>Package Level 2 Length:</b>       | 315 mm        |
| <b>Package Level 2 Height:</b>       | 195 mm        |
| <b>Package Level 2 Gross Weight:</b> | 11.500 kg     |
| <b>Package Level 3 Units:</b>        | 960 piece     |

## Environmental

|  |   |
|--|---|
| <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: B1 10 g<br>Closed, Shock Direction: C1 20 g<br>Closed, Shock Direction: C2 20 g<br>Open, Shock Direction: B1 5 g<br>Open, Shock Direction: C1 9 g<br>Open, Shock Direction: C2 14 g<br>Shock Direction: A 20 g<br>Shock Direction: B2 15 g |
| <b>Resistance to Vibrations acc. to IEC 60068-2-6:</b> | 5 ... 300 Hz 3 g Closed position / 2 g Open position  |
| <b>RoHS Status:</b>                                    | Planned to follow EU Directive 2002/95/EC August 18, 2005 and amendment after 2009 Q4   |

## Technical

|  |  |
|--|--|
| <b>Rated Operational Power AC-3 (P<sub>e</sub>):</b>   | (220 / 230 / 240V) 2.2 kW<br>(415V) 4 kW<br>(440V) 4 kW<br>(500V) 4 kW<br>(690V) 4 kW<br>(400V) 4 kW |
| <b>Rated Operational Current AC-1 (I<sub>a</sub>):</b> | (690V) 40°C 22 A<br>(690V) 60°C 18 A   |

|  |                          |
|--|--------------------------|
|  | (690V) 70°C 15 A         |
| 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 Control Circuit Voltage (U <sub>c</sub> ): | 50 Hz 24 V<br>60 Hz 24 V |
| Terminal Type:                                   | Screw Terminals          |

#### Technical UL/CSA

|                           |  |
|---------------------------|--|
| Tightening Torque UL/CSA: | Auxiliary Circuit 9 in·lb<br>Control Circuit 9 in·lb<br>Main Circuit 9 in·lb |
|---------------------------|--|

#### Certificates and Declarations (Document Number)

|                                 |   |
|---------------------------------|---|
| CB Certificate:                 | <a href="#">CB_CN13475-M1</a>             |
| CCC Certificate:                | <a href="#">CCC_2007010309251577</a>      |
| cUL Certificate:                | <a href="#">UL_20110325-E312527</a>       |
| Declaration of Conformity - CE: | <a href="#">1SBD250151C3000</a>           |
| GOST Certificate:               | <a href="#">GOST_POCCCNME77B07822.pdf</a> |
| RoHS Information:               | <a href="#">1SBD251000E1001</a>           |
| UL Listing Card:                | <a href="#">NOA_E312527.pdf</a>           |

