SIEMENS

## Data sheet 3SB3400-0K

| | |
|---|---|
| | Contact block with 1 contact element, 1 NC, screw terminal, 30 degrees diagonal connections, for front panel mounting ! Phased-out product! Preferred successor type is >>3VL9800-2AK00<< |
| **product designation** | contact block |
| **Contact block/ lampholder** | |
| **number of lampholders** | 0 |
| **General technical data** | |
| product function positive opening | Yes |
| **product component** | |
| ● diode | No |
| ● lamp transformer | No |
| ● light source | No |
| ● series resistor | No |
| insulation voltage rated value | 400 V |
| **degree of pollution** | class 3 |
| **type of voltage** | |
| ● of the operating voltage | AC/DC |
| **surge voltage resistance rated value** | 4 kV |
| protection class IP | |
| ● of the enclosure | IP40 |
| ● of the terminal | IP20 |
| **operating frequency maximum** | 1 000 1/h |
| mechanical service life (switching cycles) typical | 10 000 000 |
| **electrical endurance (switching cycles) with contactors 3RT1015 to 3RT1026 typical** | 10 000 000 |
| **thermal current** | 10 A |
| **reference code acc. to IEC 81346-2** | S |
| **design of the fuse link for short-circuit protection of the auxiliary switch with type of coordination 1 required** | gG / Dz 10 A |
| Substance Prohibitance (Date) | 01.07.2006 00:00:00 |
| **operating voltage** | |
| ● at AC | |
| — at 50 Hz rated value | 5 ... 400 V |
| — at 60 Hz rated value | 5 ... 300 V |
| ● at DC rated value | 5 ... 230 V |
| **operating voltage 1** | |
| ● at AC | |
| — at 50 Hz rated value | 400 V |
| — at 60 Hz rated value | 300 V |
| ● at DC rated value | 24 V |
| **Power Electronics** | |
| **contact reliability** | one incorrect switching operation of 100 million switching operations (5 V, 1 mA) |
| **Auxiliary circuit** | |
| **number of NC contacts for auxiliary contacts** | 1 |
| **number of NO contacts for auxiliary contacts** | 0 |
| number of CO contacts for auxiliary contacts | 0 |
| **operational current at AC-12** | |
| ● at 24 V rated value | 10 A |
| ● at 48 V rated value | 10 A |


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| | |
|---|---|
| ● at 110 V rated value | 10 A |
| ● at 230 V rated value | 10 A |
| ● at 400 V rated value | 10 A |
| **operational current at AC-15** | |
| ● at 24 V rated value | 6 A |
| ● at 48 V rated value | 6 A |
| ● at 110 V rated value | 6 A |
| ● at 230 V rated value | 6 A |
| ● at 400 V rated value | 3 A |
| **operational current at DC-12** | |
| ● at 24 V rated value | 10 A |
| ● at 48 V rated value | 5 A |
| ● at 110 V rated value | 2.5 A |
| ● at 230 V rated value | 1 A |
| **operational current at DC-13** | |
| ● at 24 V rated value | 3 A |
| ● at 48 V rated value | 1.5 A |
| ● at 110 V rated value | 0.7 A |
| ● at 230 V rated value | 0.3 A |
| **Connections/ Terminals** | |
| **type of electrical connection** | screw-type terminals |
| **type of connectable conductor cross-sections** | |
| ● for auxiliary contacts | |
| — solid | 2x (1.0 ... 1.5 mm²) |
| — solid with core end processing | 2x (0.5 ... 0.75 mm²) |
| — finely stranded with core end processing | 2x (0.5 ... 1.5 mm²) |
| ● at AWG cables for auxiliary contacts | 2x (18 ... 14) |
| tightening torque for auxiliary contacts with screw-type terminals | 0.8 N·m |
| **Ambient conditions** | |
| **ambient temperature** | |
| ● during operation | -25 ... +70 °C |
| ● during storage | -25 ... +80 °C |
| **Installation/ mounting/ dimensions** | |
| **fastening method** | front mounting |
| **height** | 36.5 mm |
| **width** | 10 mm |
| **depth** | 20 mm |

**Certificates/ approvals**

| General Product Approval | Functional Safety/Safety of Machinery | Declaration of Conformity |
|---|---|---|
| CSA, CCC, EAC | VDE | Miscellaneous, EG-Konf. |

**other**

Confirmation

**Further information**

**Information- and Downloadcenter (Catalogs, Brochures,…)**


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https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SB3400-0K

**Cax online generator**
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**Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)**
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SB3400-0K&lang=en

**last modified:** 1/6/2021


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