SIEMENS

## Data sheet 3SE5423-0CC20-1EA2




Position switch in compact design 40 mm wide with connection cable 2 m Snap-action contacts 1 NO+1 NC Rounded plunger

| | |
|---|---|
| **product brand name** | SIRIUS |
| **product designation** | Mechanical position switches |
| **product type designation** | 3SE5 |
| **General technical data** | |
| product function positive opening | Yes |
| **insulation voltage rated value** | 400 V |
| **degree of pollution** | 3 |
| **surge voltage resistance rated value** | 4 kV |
| **protection class IP** | IP67 |
| **shock resistance** | |
| ● **according to IEC 60068-2-27** | 30 g / 11 ms |
| **vibration resistance according to IEC 60068-2-6** | 0.35 mm/5 g |
| **mechanical service life (operating cycles) typical** | 10 000 000 |
| electrical endurance (operating cycles) at AC-15 at 230 V typical | 100 000 |
| **thermal current** | 10 A |
| **material of the enclosure of the switch head** | metal |
| **reference code according to IEC 81346-2** | B |
| **active principle** | mechanical |
| **repeat accuracy** | 0.05 mm |
| **Substance Prohibitance (day/month/year)** | 07/01/2006 |
| **Net Weight** | 0.296 kg |
| **minimum actuating force in directions of actuation** | 20 N |
| **length of the sensor** | 60 mm |
| **width of the sensor** | 40 mm |
| **Ambient conditions** | |
| **ambient temperature** | |
| ● during operation | -25 ... +85 °C |
| ● during storage | -25 ... +85 °C |
| **explosion protection category for dust** | none |
| **design of the switching contact** | mechanical |
| **operating frequency rated value** | 50 ... 60 Hz |
| **number of NC contacts for auxiliary contacts** | 1 |
| **number of NO contacts for auxiliary contacts** | 1 |
| **operational current at AC-15** | |
| ● at 125 V rated value | 6 A |
| ● at 230 V rated value | 3 A |
| **operational current at DC-13** | |
| ● at 125 V rated value | 0.55 A |
| ● at 230 V rated value | 0.27 A |


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| Enclosure | |
|---|---|
| **design of the housing** | block |
| **material of the enclosure** | metal |
| **coating of the enclosure** | painted |
| **design of the housing according to standard** | No |
| **material of cable sheath** | PVC |
| **Drive Head** | |
| **design of the actuating element** | rounded plunger |
| **shape of the switch head** | rounded |
| **design of the switching function** | positive opening |
| **circuit principle** | snap-action contacts |
| number of switching contacts safety-related | 1 |
| **Installation/ mounting/ dimensions** | |
| **mounting position** | any |
| **fastening method** | screw fixing |
| **Connections/ Terminals** | |
| **type of electrical connection** | cable, 5 x 0.75mm² |
| design of the interface for safety-related communication | without |
| **Communication/ Protocol** | |
| **design of the interface** | without |
| **Approvals Certificates** | |

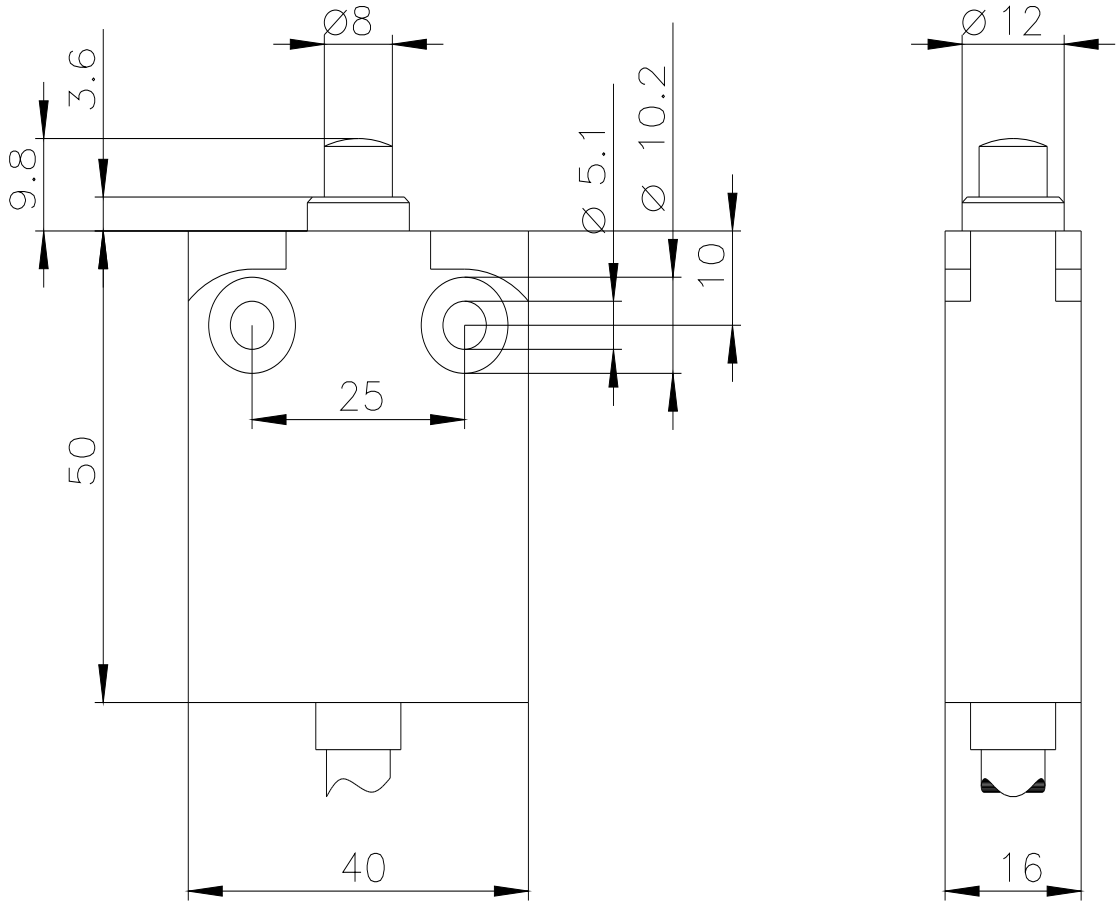
| General Product Approval | other |
|---|---|
|         | Confirmation |

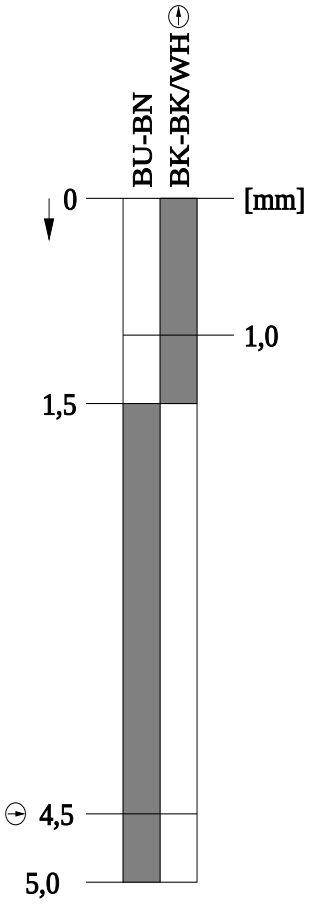
| other | Environment |
|---|---|
|   | Environmental Confirmations |

| Further information |
|---|

**Information on the packaging**
https://support.industry.siemens.com/cs/ww/en/view/109813875
**Information for data generation and storage**
https://support.industry.siemens.com/cs/ww/en/view/109995012
**Information- and Downloadcenter (Catalogs, Brochures,…)**
https://www.siemens.com/ic10
**Industry Mall (Online ordering system)**
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SE5423-0CC20-1EA2
**Cax online generator**
https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE5423-0CC20-1EA2
**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**
https://support.industry.siemens.com/cs/ww/en/ps/3SE5423-0CC20-1EA2
**Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)**
https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE5423-0CC20-1EA2&lang=en


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