SIEMENS

## Data sheet 3SE5234-0HK21-1AC4



Position switch Plastic enclosure according to EN 50047, 31 mm 1 NO/1 NC quick action contacts integrated (not replaceable) with M12 connector, 4-pole Pin assignment: Pin1=21, Pin2=22 Pin3=13, Pin4=14 for max. 250 V and 4 A Twist lever, right and/or left switching can be set with plastic roller 19 mm

| | |
|---|---|
| **product brand name** | SIRIUS |
| **product designation** | Mechanical position switches |
| **product type designation** | 3SE5 |
| **manufacturer's article number** | |
| ● of the supplied actuator head for position switches | 3SE5000-0AK00 |
| ● of the supplied operating lever | 3SE5000-0AA21 |
| suitability for use safety switch | Yes |
| **General technical data** | |
| product function positive opening | Yes |
| **insulation voltage rated value** | 250 V |
| **degree of pollution** | class 3 |
| **surge voltage resistance rated value** | 3 kV |
| **protection class IP** | IP65 |
| **shock resistance** | |
| ● **according to IEC 60068-2-27** | 30g / 11 ms |
| **vibration resistance** | |
| ● **according to IEC 60068-2-6** | 0.35 mm/5g |
| **mechanical service life (operating cycles) typical** | 15 000 000 |
| **electrical endurance (operating cycles) at AC-15 at 230 V typical** | 100 000 |
| **thermal current** | 4 A |
| **material of the enclosure of the switch head** | plastic |
| **reference code according to IEC 81346-2** | B |
| **continuous current of the C characteristic MCB** | 1 A; for a short-circuit current smaller than 400 A |
| **continuous current of the quick DIAZED fuse link** | 4 A; for a short-circuit current smaller than 400 A |
| **continuous current of the DIAZED fuse link gG** | 4 A |
| **active principle** | mechanical |
| **repeat accuracy** | 0.05 mm |
| **Substance Prohibitance (Date)** | 07/01/2006 |
| **SVHC substance name** | Imidazolidine-2-thione (2-imidazoline-2-thiol) - 96-45-7 |
| **Weight** | 0.113 kg |
| **minimum actuating torque in directions of actuation** | 0.25 N·m |
| **length of the sensor** | 125.3 mm |
| **width of the sensor** | 31 mm |
| **Ambient conditions** | |
| **ambient temperature** | |
| ● during operation | -25 ... +85 °C |
| ● during storage | -40 ... +90 °C |
| **explosion protection category for dust** | none |
| **Main circuit** | |


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| | |
|---|---|
| **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 24 V rated value | 4 A |
| • at 125 V rated value | 4 A |
| • at 240 V rated value | 4 A |
| **operational current at DC-13** | |
| • at 24 V rated value | 3 A |
| • at 125 V rated value | 0.55 A |
| • at 250 V rated value | 0.27 A |
| **Enclosure** | |
| **design of the housing** | block, narrow |
| **material of the enclosure** | plastic |
| **coating of the enclosure** | Other types |
| **design of the housing according to standard** | Yes |
| **Drive Head** | |
| **design of the actuating element** | Twist lever, metal lever, 21 mm long, straight, plastic roller 19 mm |
| **standard-compliant actuator head** | EN 50047, design A |
| **shape of the switch head** | roller |
| **design of the switching function** | positive opening, integrated |
| **circuit principle** | snap-action contacts |
| number of switching contacts safety-related | 1 |
| **cable entry type** | M12 plug |
| **design of plug-in connection** | M12 plug, 4-pole: Pin 1 = terminal 21, Pin 2 = 22, Pin 3 = 13, Pin 4 = 14 |
| **Installation/ mounting/ dimensions** | |
| **mounting position** | any |
| **fastening method** | screw fixing |
| **Connections/ Terminals** | |
| **type of electrical connection** | M12 plug, fixed |
| design of the interface for safety-related communication | without |
| **Communication/ Protocol** | |
| **design of the interface** | without |
| **Approvals Certificates** | |

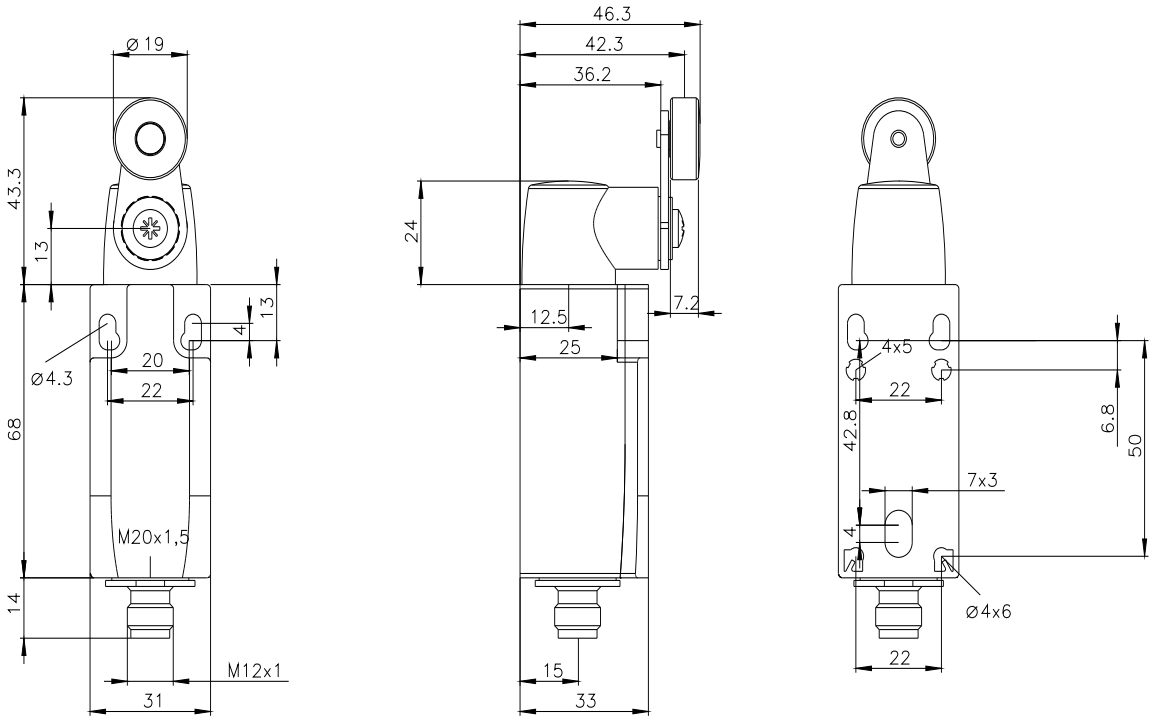
| General Product Approval | | | | | Functional Saftey |
|---|---|---|---|---|---|
| CCC | CE EG-Konf. | UKCA | cULus | EAC | Type Examination Certificate |

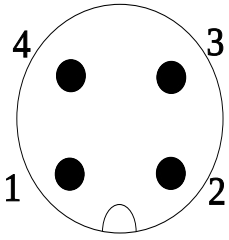
| Test Certificates | | other | | Environment |
|---|---|---|---|---|
| Type Test Certificates/Test Report | Type Test Certificates/Test Report | 产品合格 QC PASS | Confirmation | Environmental Confirmations |

**Further information**

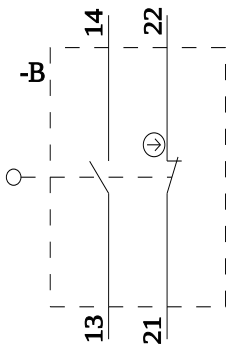
**Information on the packaging**
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**Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)**


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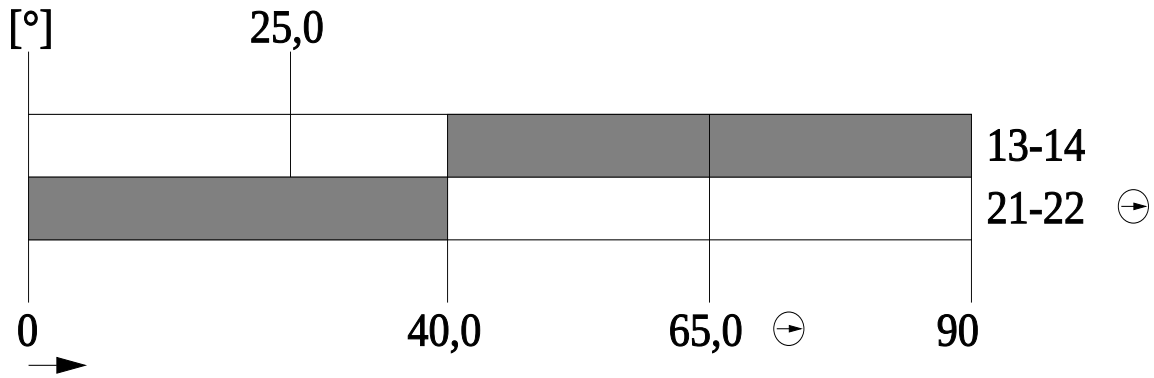




| | | | |
|---|---|---|---|
| 1 | BN = Brown | → | 21 |
| 2 | WH = White | → | 22 |
| 3 | BU = Blue | → | 13 |
| 4 | BK = Black | → | 14 |





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