



SIRIUS POSITION SWITCH;  
PLASTIC HOUSING ACC. TO EN50047,  
31MM 1NO/1NC SNAP-ACTION CONTACTS INTEGRATED  
(NOT REPLACEABLE) W. M12 CONNECTOR,  
4-POLE PIN ASSIGNMENT: PIN1=21,  
PIN2=22, PIN3=13,PIN4=14,  
MAX. 250V AND 4A LENGTH-ADJUSTABLE TWIST LEVER  
W. PLASTIC ROLLER 19MM

|                             |  |                                    |
|-----------------------------|--|------------------------------------|
| Manufacturer article number |  |                                    |
|                             |  | <a href="#">3SE5234-0HC05-1AC4</a> |
|                             |  | <a href="#">3SE5000-0AK00</a>      |
|                             |  | <a href="#">3SE5000-0AA50</a>      |

| General technical data:                |   |                          |
|----------------------------------------|---|--------------------------|
| Product designation                    |   | standard position switch |
| Explosion protection category for dust |   | none                     |
| Insulation voltage                     |   |                          |
| • rated value                          | V | 250                      |
| Degree of pollution                    |   | class 3                  |
| Thermal current                        | A | 4                        |
| Operating current                      |   |                          |
| • at AC-15                             |   |                          |
| • at 24 V / rated value                | A | 4                        |
| • at 125 V / rated value               | A | 4                        |
| • at 230 V / rated value               | A | 3                        |
| • at DC-13                             |   |                          |
| • at 24 V / rated value                | A | 3                        |
| • at 125 V / rated value               | A | 0.55                     |
| • at 230 V / rated value               | A | 0.27                     |

|                                                                     |            |                                                                           |
|---------------------------------------------------------------------|------------|---------------------------------------------------------------------------|
| <b>Continuous current</b>                                           |            |                                                                           |
| • of the slow DIAZED fuse link                                      | A          | 4                                                                         |
| • of the quick DIAZED fuse link                                     | A          | 4                                                                         |
| • of the C characteristic circuit breaker                           | A          | 2                                                                         |
| <b>Mechanical operating cycles as operating time</b>                |            |                                                                           |
| • typical                                                           |            | 15,000,000                                                                |
| <b>Electrical operating cycles as operating time</b>                |            |                                                                           |
| • at AC-15 / at 230 V / typical                                     |            | 100,000                                                                   |
| <b>Electrical operating cycles in one hour</b>                      |            |                                                                           |
| • with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 |            | 6,000                                                                     |
| <b>Repeat accuracy</b>                                              | mm         | 0.05                                                                      |
| <b>Design of the contact element</b>                                |            | snap-action contacts                                                      |
| <b>Number of NC contacts</b>                                        |            |                                                                           |
| • for auxiliary contacts                                            |            | 1                                                                         |
| <b>Number of NO contacts</b>                                        |            |                                                                           |
| • for auxiliary contacts                                            |            | 1                                                                         |
| <b>Resistance against vibration</b>                                 |            | 0.35 mm / 5g                                                              |
| <b>Resistance against shock</b>                                     |            | 30g / 11 ms                                                               |
| <b>Ambient temperature</b>                                          |            |                                                                           |
| • during operating                                                  | °C         | -25 ... +85                                                               |
| • during storage                                                    | °C         | -40 ... +85                                                               |
| <b>Product specification</b>                                        |            |                                                                           |
| • for dimensions                                                    |            | EN 50047                                                                  |
| <b>Width of the sensor</b>                                          | mm         | 31                                                                        |
| <b>Material</b>                                                     |            |                                                                           |
| • of the enclosure                                                  |            | plastic                                                                   |
| <b>Material / of the enclosure / of the switch head</b>             |            | plastic                                                                   |
| <b>Design of the operating mechanism</b>                            |            | metal lever, adjustable length, 100 mm long, plastic roller 19 mm         |
| <b>Actuating speed</b>                                              | mm/s / m/s | 0.1 ... 1.5                                                               |
| <b>Protection class IP</b>                                          |            | IP65                                                                      |
| <b>mounting position</b>                                            |            | any                                                                       |
| <b>Cable gland version</b>                                          |            | M12 plug                                                                  |
| <b>Design of the electrical connection</b>                          |            | M12 plug, fixed                                                           |
| <b>Design of the plug-in connection</b>                             |            | M12 plug, 4-pole: Pin 1 = terminal 21, Pin 2 = 22, Pin 3 = 13, Pin 4 = 14 |
| <b>Reference code</b>                                               |            |                                                                           |
| • according to DIN 40719 extended according to IEC 204-2            |            | S                                                                         |
| • according to DIN EN 61346-2                                       |            | B                                                                         |

## Certificates/ approvals:

### General Product Approval



CCC



CSA



UL



EG-Konf.

### Test Certificates

[Special Test Certificate](#)

### other

[Confirmation](#)

## Further information:

### Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/industrial-controls/catalogs>

### Industry Mall (Online ordering system)

<http://www.siemens.com/industrial-controls/mall>

### Cax online generator

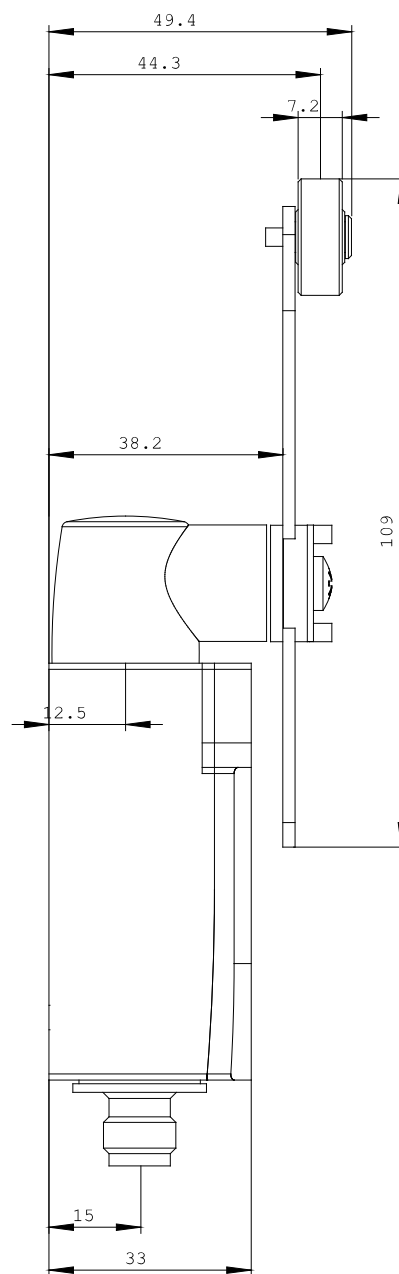
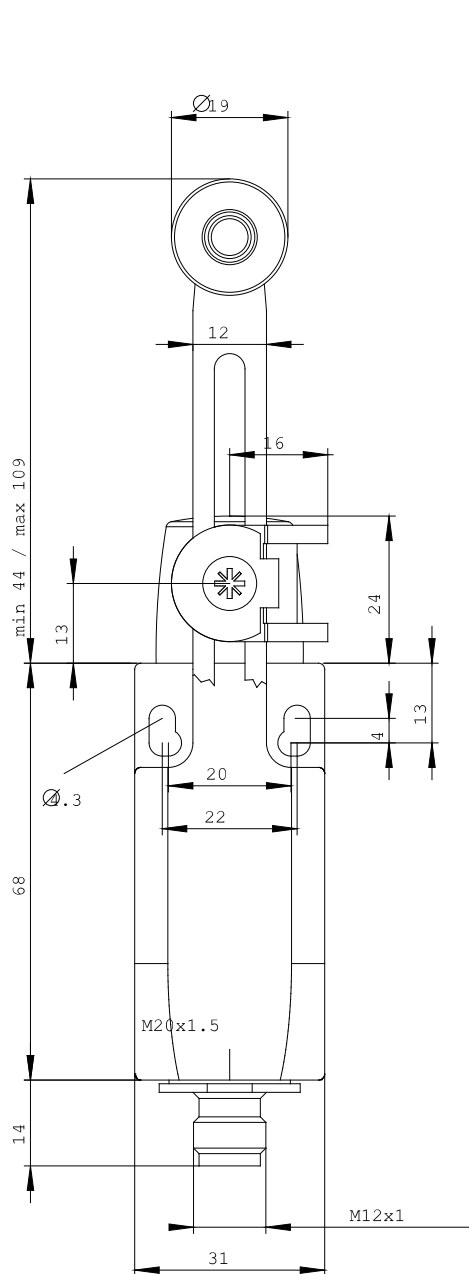
<http://www.siemens.com/cax>

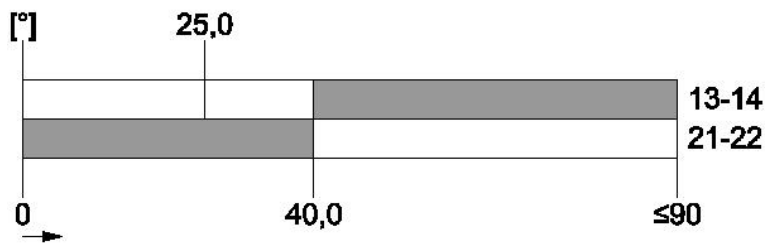
### Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<http://support.automation.siemens.com/WW/view/en/3SE5234-0HK50-1AC4/all>

### Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3SE5234-0HK50-1AC4](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3SE5234-0HK50-1AC4)





last change:

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