



SIRIUS POSITION SWITCH;  
PLASTIC HOUSING ACC. TO EN50047,  
31MM 1NO/1NC SNAP-ACTION CONTACTS INTEGRATED  
(NOT REPLACEABLE) W. M12 CONNECTOR,  
4-POLE MAX. 230V AND 4A ROLLER LEVER,  
21MM LONG RIGHT/LEFT SIDE ADJUSTABLE W.  
PLASTIC ROLLER 19MM ROLLER LEVER,  
RIGHT AND/OR LEFT SIDE ADJUSTABLE W. PLASTIC  
ROLLER 19MM

### Manufacturer article number

- of the basic unit included in the scope of supply
- of the actuator head for position switches included in the scope of supply
- of the operating lever included in the scope of supply

[3SE5234-0HC05-1AC4](#)

[3SE5000-0AK00](#)

[3SE5000-0AA21](#)

### General technical details:

#### product designation

standard position switch

#### 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
  - at 125 V / rated value
  - at 230 V / rated value
- at DC-13
  - at 24 V / rated value
  - at 125 V / rated value
  - at 230 V / rated value

A

4

A

4

A

3

A

3

A

0.55

A

0.27

#### Continuous current

• 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>Design of the switching function</b>		positive opening, integrated
<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 ... 90
<b>Product specification</b>		
• for dimensions		EN 50047
<b>Width of the sensor</b>	mm	31
<b>material</b>		
• of the housing		plastic
<b>Material / of the housing / of the switch head</b>		plastic
<b>Design of the operating mechanism</b>		metal lever, 21 mm long, straight, plastic roller 19 mm
<b>Actuating speed</b>	mm/s / m/s	0.1 ... 1.5
<b>Protection class IP</b>		IP65
<b>Built in orientation</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>Item designation</b>		
• according to DIN 40719 extendable after IEC 204-2		S
• according to DIN EN 61346-2		B

## Certificates/approvals:

### General Product Approval

Functional Safety /  
Safety of  
Machinery



CQC



CSA

[ROSTEST](#)



UL



VDE

[TÜV](#)

### Test Certificates

other

[Manufacturer](#)

[other](#)

[Manufacturer](#)

## 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>

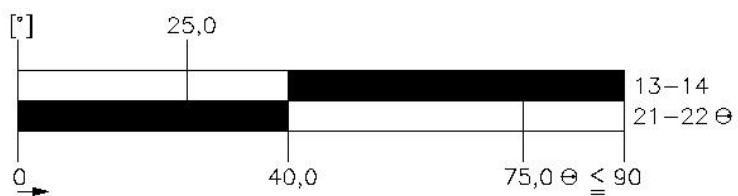
### Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<http://support.automation.siemens.com/WW/view/en/3SE5234-0HK21-1AC4/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3SE5234-0HK21-1AC4](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3SE5234-0HK21-1AC4)





last change:

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