



SIRIUS POSITION SWITCH METAL HOUSING 40MM TO EN50041 1NO/1NC SNAP-ACTION CONTACTS W. M12 CONNec.,  
 5-POLE, FIXED W. 2 LEDS, YELLOW/GREEN,  
 24V DC,  
 ROTARY ACTUATOR ADJUSTABLE ON THE RIGHT AND/OR LEFT,  
 METAL LEVER 27MM LONG AND PLASTIC ROLLER  
 19MM PIN ASSIGNMENT: PIN1=21,  
 PIN2=22, PIN3=13 AND LED GREEN,  
 PIN4=14 AND LED YELLOW, PIN5=GROUND LED

<b>Manufacturer article number</b> <ul style="list-style-type: none"> <li>• of the basic unit included in the scope of supply</li> <li>• of the actuator head for position switches included in the scope of supply</li> <li>• of the operating lever included in the scope of supply</li> </ul>	<p><a href="#">3SE5114-1CA00-0AF3</a></p> <p><a href="#">3SE5000-0AH00</a></p> <p><a href="#">3SE5000-0AA01</a></p>
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**General technical details:**

<b>product designation</b>		standard position switch
<b>Explosion protection category for dust</b>		none
<b>Type of voltage / of the supply voltage</b> <ul style="list-style-type: none"> <li>• of the optional LED display</li> </ul>		DC
<b>Insulation voltage</b> <ul style="list-style-type: none"> <li>• rated value</li> </ul>	V	125
<b>Degree of pollution</b>		class 3
<b>Thermal current</b>	A	4
<b>Operating current</b> <ul style="list-style-type: none"> <li>• at DC-13</li> <li>• at 24 V / rated value</li> </ul>	A	3
<b>Continuous current</b>		
<ul style="list-style-type: none"> <li>• of the slow DIAZED fuse link</li> </ul>	A	4
<ul style="list-style-type: none"> <li>• of the quick DIAZED fuse link</li> </ul>	A	4
<ul style="list-style-type: none"> <li>• of the C characteristic circuit breaker</li> </ul>	A	1

<b>Mechanical operating cycles as operating time</b> • typical		15,000,000
<b>Electrical operating cycles as operating time</b> • with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 / typical		10,000,000
<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
<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 • during storage	°C °C	-25 ... +60 -40 ... +90
<b>Product specification</b> • for dimensions		EN 50041
<b>Width of the sensor</b>	mm	40
<b>Material</b> • of the enclosure		metal
<b>Material / of the housing / of the switch head</b>		metal
<b>Design of the operating mechanism</b>		metal lever, 27 mm long, step 9 mm, plastic roller 19 mm
<b>Actuating speed</b>	mm/s / m/s	0.1 ... 1.5
<b>Protection class IP</b>		IP66/IP67
<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, 5-pole: Pin 1 = terminal 21, Pin 2 = 22, Pin 3 = 13/LED green, Pin 4 = 14/LED yellow, Pin 5 = ground LED
<b>Item designation</b> • according to DIN 40719 extendable after IEC 204-2 • according to DIN EN 61346-2		S B

#### Certificates/approvals:

General Product Approval				Functional Safety / Safety of Machinery	Declaration of Conformity
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CCC



GOST



UL



VDE



VDE



EG-Konf.

Test Certificates	other
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[Special Test  
Certificate](#)

[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>

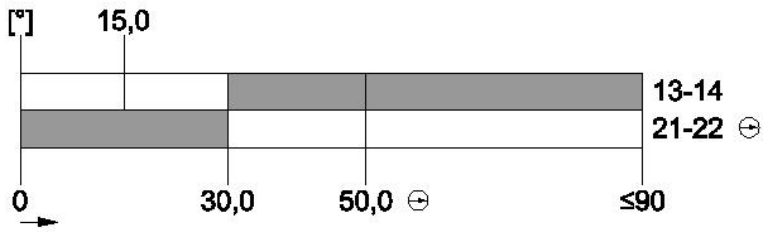
##### Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<http://support.automation.siemens.com/WWW/view/en/3SE5114-1CH01-1AF3/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3SE5114-1CH01-1AF3](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3SE5114-1CH01-1AF3)





last change:

Feb 18, 2013