



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

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

[3SE5114-1CA00-0AF3](#)

[3SE5000-0AH00](#)

[3SE5000-0AA01](#)

General technical details:

product designation

standard position switch

Type of voltage / of the supply voltage

- of the optional LED display

DC

Insulation voltage

- rated value

V

125

Degree of pollution

class 3

Thermal current

A

4

Operating current

- at DC-13
- at 24 V / rated value

A

3

Continuous current

- of the slow DIAZED fuse link
- of the quick DIAZED fuse link
- of the C characteristic circuit breaker

A

4

A

4




A

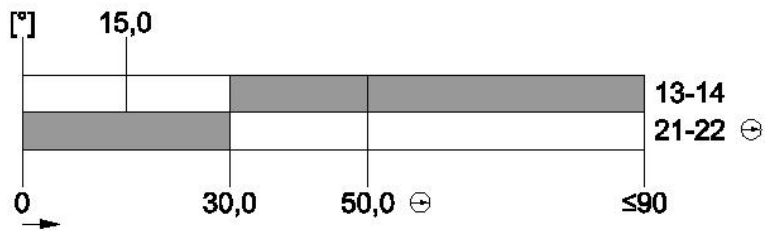
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Mechanical operating cycles as operating time

• typical		15,000,000
Electrical operating cycles as operating time		
• with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 / typical		10,000,000
Electrical operating cycles in one hour		
• with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026		6,000
Repeat accuracy	mm	0.05
Design of the contact element		snap-action contacts
Number of NC contacts		
• for auxiliary contacts		1
Design of the switching function		positive opening
Number of NO contacts		
• for auxiliary contacts		1
Resistance against vibration		0.35 mm / 5g
Resistance against shock		30g / 11 ms
Ambient temperature		
• during operating	°C	-25 ... 70
• during storage	°C	-40 ... 90
Product specification		
• for dimensions		EN 50041
Width of the sensor	mm	40
material		
• of the housing		metal
Material / of the housing / of the switch head		metal
Design of the operating mechanism		metal lever, 27 mm long, step 9 mm, plastic roller 19 mm
Actuating speed	mm/s / m/s	0.1 ... 1.5
Protection class IP		IP66/IP67
Built in orientation		any
Cable gland version		M12 plug
Design of the electrical connection		M12 plug, fixed
Design of the plug-in connection		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
Item designation		
• 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	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/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				



last change:

Nov 24, 2011