



POSITION SWITCH 3SE51,
METAL ENCLOSURE 40MM ACC.TO EN50041,1NO/2NC
SNAP-ACT.CONT. WITH M12-CONNECT.,8-POLE METAL
WITH 2 LED,
YELL/GREEN, 24V DC,
WITH LENGTH-ADJ. TWIST LEVER PIN-ASSIGN.:
PIN1=21,
PIN2=22, PIN3=13 AND LED GREEN,
PIN4=14 AND LED YELL.,PIN5=31,PIN6=32,
PIN7=GROUND LED, PIN8= PE

Manufacturer article number		
• of the basic unit included in the scope of supply		3SE5114-1LA00-1AD4
• of the actuator head for position switches included in the scope of supply		3SE5000-0AH00
• of the operating lever included in the scope of supply		3SE5000-0AA50

General technical data:		
Product designation		standard position switch
Explosion protection category for dust		none
Type of voltage / of the supply voltage • of the optional LED indicator		DC
Insulation voltage • rated value	V	50
Degree of pollution		class 3
Thermal current	A	2
Operating current • at DC-13 • at 24 V / rated value	A	2
Continuous current • of the slow DIAZED fuse link • of the quick DIAZED fuse link • of the C characteristic circuit breaker	A	2 2 1

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		2
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 • during storage	°C °C	-25 ... +60 -40 ... +90
Product specification • for dimensions		EN 50041
Width of the sensor	mm	40
Material • of the enclosure		metal
Material / of the enclosure / of the switch head		metal
Design of the operating mechanism		Metal lever adjustable length, plastic roller 19 mm
Actuating speed	mm/s / m/s	0.1 ... 1.5
Minimum actuating force / in activation direction	N·m	0.25
Protection class IP		IP66/IP67
mounting position		any
Cable gland version		M12 plug
Design of the electrical connection		M12 plug, fixed
Design of the plug-in connection		M12 connector, 8-pole: pin 1= terminal 21, pin 2= 22, pin 3= 13/LED green, pin 4= 14/LED yellow, pin 5= 31, pin 6= 32, pin 7= ground LED, pin 8= PE
Reference code • according to DIN 40719 extended according to IEC 204-2 • according to DIN EN 61346-2		S B

Certificates/ approvals:

General Product Approval				Declaration of Conformity	Test Certificates
 CCC	 CSA		 UL	 EG-Konf.	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/industrymall>

Cax online generator

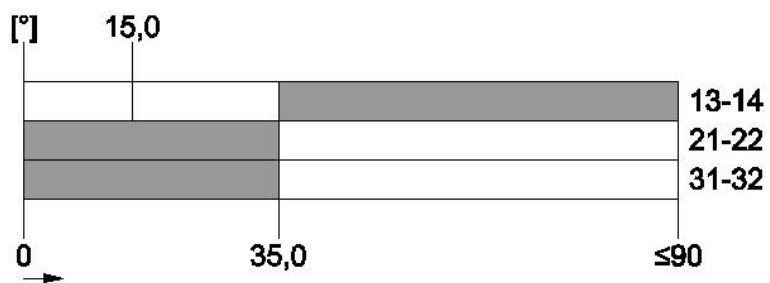
<http://www.siemens.com/cax>

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

<http://support.automation.siemens.com/WW/view/en/3SE5114-1LH50-1AD4/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3SE5114-1LH50-1AD4



last change:

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