



BASIC SWITCH FOR POSITION SWITCH 3SE51,
METAL ENCLOSURE 40MM ACC.TO EN50041,1NO/NC
SNAP ACTION CONT WITH M12 PLUG,5-POLE,FIXED,
WITH 2LED,YEL./GREEN,24VDC,4A WITHOUT
ACTUATOR HEAD PIN-ASSIGN.:PIN1:21+13(JUMPER)
+LED GR,PIN2=22,
PIN3=GROUND LEDS,PIN4=14+LED YEL.,PIN5=PE

Manufacturer article number

- of the basic unit included in the scope of supply

[3SE5114-1CA00-1AF5](#)

General technical data:

Product designation		basic switch for standard position switches
Explosion protection category for dust		none
Type of voltage / of the supply voltage		DC
• of the optional LED indicator		
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	A	4
• of the quick DIAZED fuse link	A	4
• of the C characteristic circuit breaker	A	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		1
Design of the switching function		Positive opening with appropriate positive opening actuator head
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
Design of the operating mechanism		without
Actuating speed	mm/s / m/s	0.1 ... 2.5
Minimum actuating force / in activation direction	N	20
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, 5-pole: pin 1= terminal 21/13/LED green, pin 2= 22, pin 3= ground LED, pin 4= 14/LED yellow, pin 5= 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

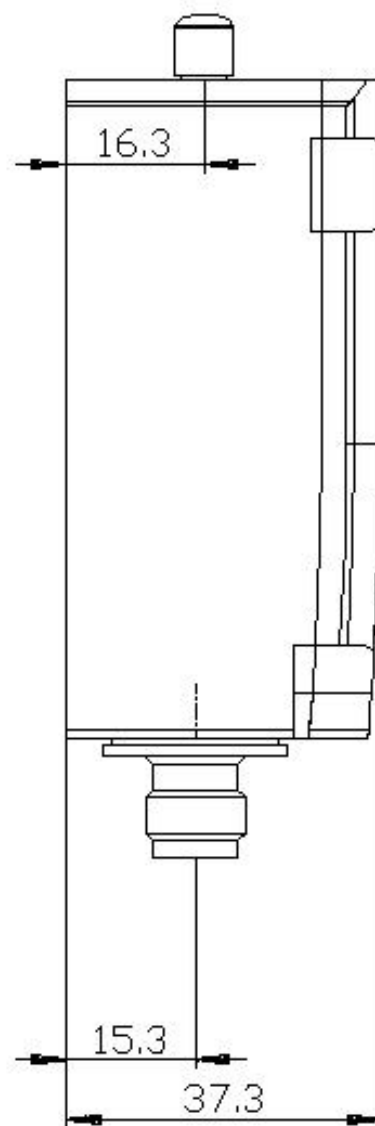
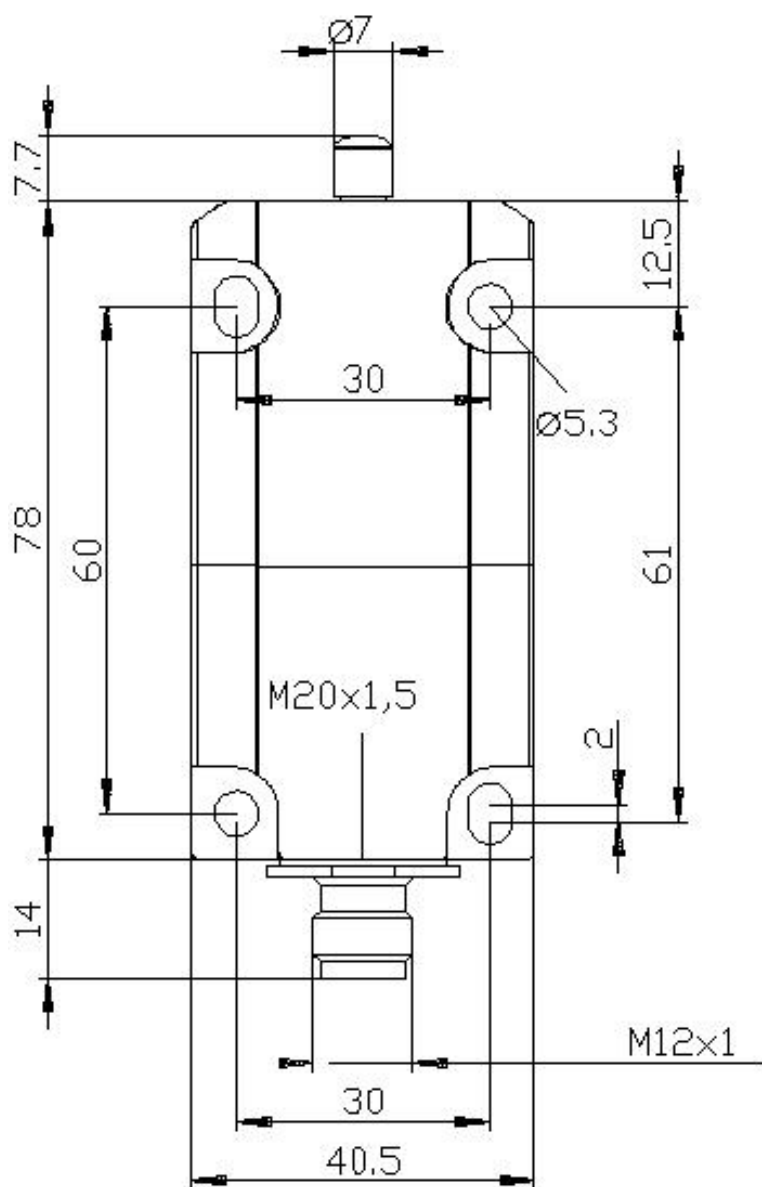
<http://www.siemens.com/cax>

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

<http://support.automation.siemens.com/WW/view/en/3SE5114-1CA00-1AF5/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3SE5114-1CA00-1AF5



last change:

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