



BASIC SWITCH FOR POSITION SWITCH 3SE51,
METAL ENCLOSURE, 40MM, EN 50041,
W/CONNECTOR 6+PE TO EN43651,
WITH 2 LED, YELLOW/GREEN, 24V DC,
1NO/1NC SLOW-ACTION CONTACTS W/O ACTUATOR
HEAD PIN ASSIGNMENT: PIN1=21, PIN2=22,
PIN3=14 AND LED GREEN,
PIN4=13 AND LED YELLOW,
PIN5 = NOT CONNECTED, PIN6=GROUND LED,
SUITABLE CABLE BOX 3SY3123

Manufacturer article number

- of the basic unit included in the scope of supply

[3SE5115-1BA00-1AF2](#)

General technical data:

Product designation		basic switch for standard position switches
Explosion protection category for dust		none
Type of voltage / of the supply voltage		
• of the optional LED indicator		DC
Insulation voltage		
• rated value	V	250
Degree of pollution		class 3
Thermal current	A	6
Operating current		
• at DC-13		
• at 24 V / rated value	A	3
Continuous current		
• of the slow DIAZED fuse link	A	6
• of the quick DIAZED fuse link	A	6
• 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		slow-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	0.4 ... 2.5
Minimum actuating force / in activation direction	N	20
Protection class IP		IP65
mounting position		any
Cable gland version		plug, 6-pole + PU, according to EN 43651
Design of the electrical connection		plug, 6-pole + PU, according to EN 43651
Design of the plug-in connection		plug, 6-pole + PU: Pin 1 = terminal 21, Pin 2 = 22, Pin 3 = 13/LED green, Pin 4 = 14/LED yellow, Pin 5 = not assigned, Pin 6 = ground LED, PU connected
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	other
				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/industrymall>

Cax online generator

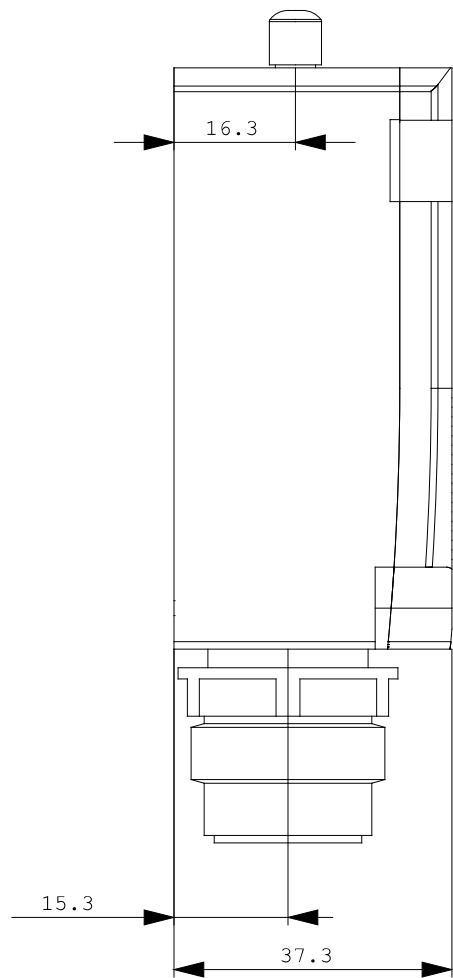
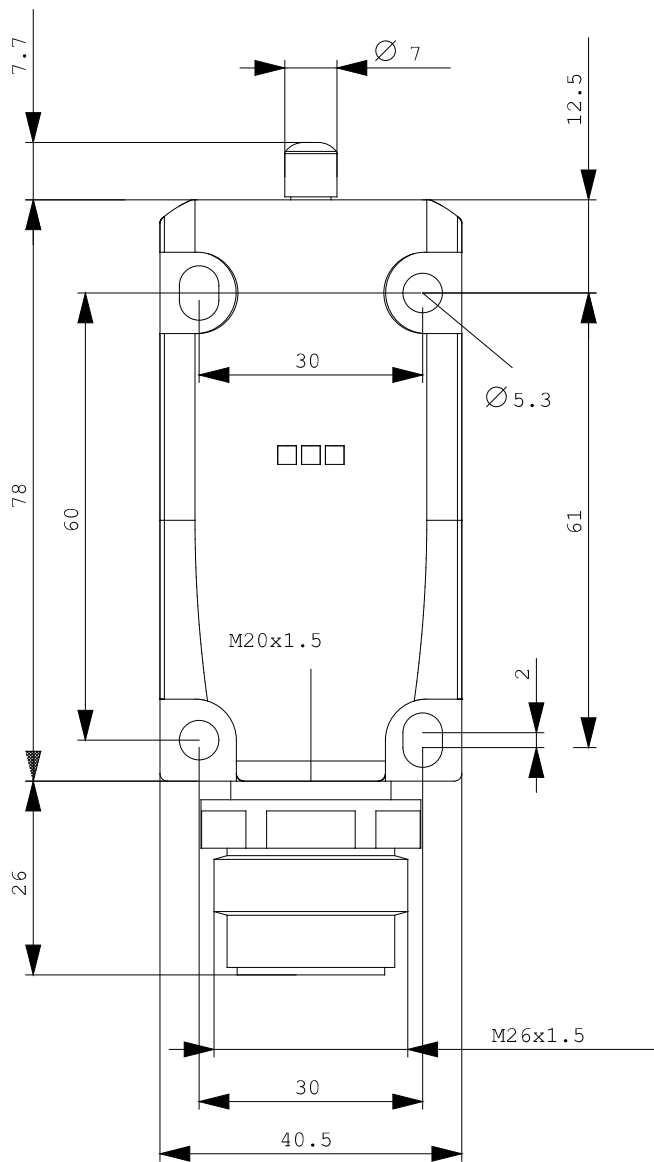
<http://www.siemens.com/cax>

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

<http://support.automation.siemens.com/WW/view/en/3SE5115-1BA00-1AF2/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3SE5115-1BA00-1AF2



last change:

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