



BASIC SWITCH FOR POSITION SWITCH 3SE51,
METAL HOUSING 40MM TO EN50041 W. CONNECTOR
6+PE (3SY3131) TO EN43651,
1NO/1NC SNAP-ACTION CONTACTS PIN ASSIGNMENT:
PIN1=21,
PIN2=22, PIN3=13, PIN4=14,
PIN5 AND PIN6 NOT CONNECTED,
PE CONNECTED W. QUICK CHANGE SETUP
3SY3110+3SY3027,
INCL. MATCHING CABLE PLUG 3SY3136

Manufacturer article number

- of the basic unit included in the scope of supply

[3SE5115-0CA00-1AD0](#)

General technical data:

Product designation

basic switch for standard position switches including
quick change system

Explosion protection category for dust

none

Insulation voltage

- rated value

V

250

Degree of pollution

class 3

Thermal current

A

6

Operating current

- at AC-15
 - at 24 V / rated value
 - at 125 V / rated value
 - at 230 V / rated value
- at DC-13
 - at 24 V / rated value
 - at 125 V / rated value
 - at 230 V / rated value

A

6

A

6

A

6

A

3

A

0.55

A

0.27

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
• at AC-15 / at 230 V / typical		100,000
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	°C	-25 ... +85
• during storage	°C	-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		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, Pin 4 = 14, Pin 5 = not assigned, Pin 6 = not assigned, PU connected
Reference code		
• according to DIN 40719 extended according to IEC 204-2		S

Certificates/ approvals:

General Product Approval



EG-Konf.

Declaration of Conformity

Test Certificates

[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

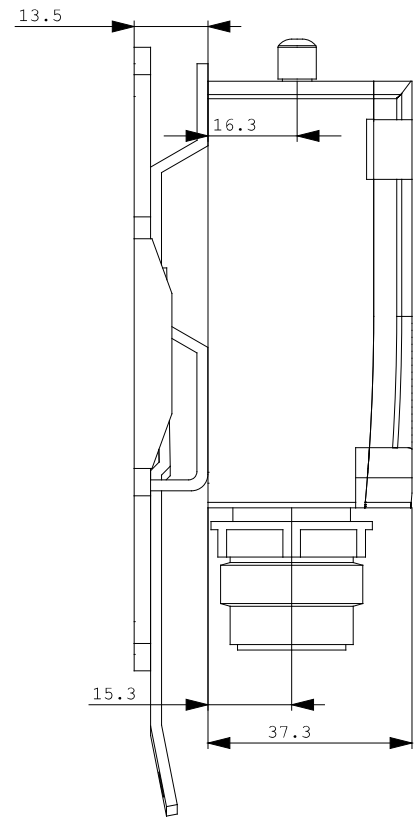
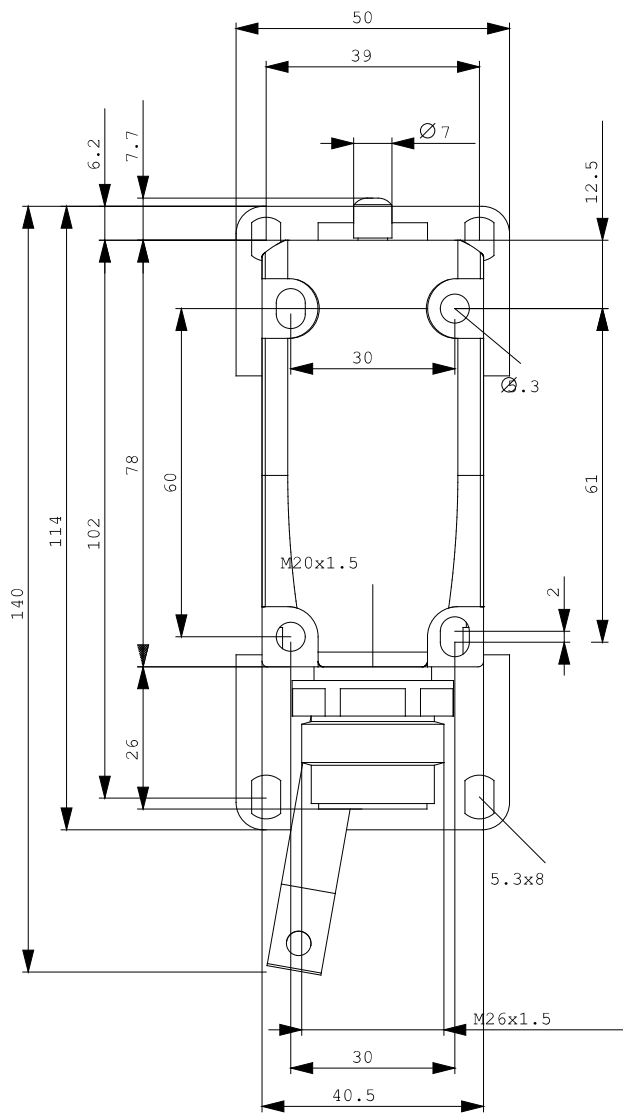
<http://www.siemens.com/cax>

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

<http://support.automation.siemens.com/WW/view/en/3SE5115-0CA00-1AD0/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3SE5115-0CA00-1AD0



last change:

Jul 24, 2014