



BASIC SWITCH FOR POSITION SWITCH 3SE513,  
PLASTIC ENCLOSURE, TO EN50041 1X(M20X1.5)  
1NO/2NC SNAP-ACTION CONTACTS W/O  
ACTUATOR HEAD

Product designation	basic switch for standard position switches
Manufacturer article number	
<ul style="list-style-type: none"> <li>• of the supplied basic switch</li> <li>• of the supplied switching contacts</li> <li>• of the supplied empty enclosure with cover</li> </ul>	<a href="#">3SE5132-0LA00</a> <a href="#">3SE5000-0LA00</a> <a href="#">3SE5132-0AA00</a>

### General technical data:

Product function		
<ul style="list-style-type: none"> <li>• positive opening</li> </ul>		Yes
Insulation voltage		
<ul style="list-style-type: none"> <li>• Rated value</li> </ul>	V	400
Degree of pollution		class 3
Shock resistance		30g / 11 ms
Vibration resistance		0.35 mm / 5g
Surge voltage resistance Rated value	kV	6
Mechanical service life (switching cycles)		
<ul style="list-style-type: none"> <li>• typical</li> </ul>		15 000 000
Electrical endurance (switching cycles)		
<ul style="list-style-type: none"> <li>• at AC-15 at 230 V typical</li> </ul>		100 000
Electrical endurance (switching cycles) 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
Thermal current	A	10
Protection class IP		IP66/IP67

<b>Equipment marking</b>		
• acc. to DIN EN 61346-2		B
• acc. to DIN EN 81346-2		B
<b>Active principle</b>		
		mechanical
<b>Repeat accuracy</b>	mm	0.05
Explosion protection category for dust		none
Explosion protection category for gas		none
Minimum actuating force in activation direction	N	20
<b>Operating current at AC-15</b>		
• at 230 V Rated value	A	1.5
• at 400 V Rated value	A	4
<b>Operating current</b>		
• at DC-13 at 125 V Rated value	A	0.55
<b>Operating current</b>		
• at DC-13		
— at 24 V Rated value	A	3

#### Enclosure:

<b>Design of the housing</b>		block, narrow
<b>Material of the enclosure</b>		plastic
<b>Coating of the enclosure</b>		Other types
<b>Design of the housing acc. to standard</b>		Yes

#### Drive Head:

<b>Design of the operating mechanism</b>		without
<b>Design of the switching function</b>		Positive opening with appropriate positive opening actuator head

#### Connections/ Terminals:

<b>Type of electrical connection</b>		screw-type terminals
<b>Type of connectable conductor cross-section</b>		
• solid		1x (0.5 ... 1.5 mm <sup>2</sup> ), 2x (0.5 ... 0.75 mm <sup>2</sup> )
• finely stranded with core end processing		1x (0.5 ... 1.5 mm <sup>2</sup> ), 2x (0.5 ... 0.75 mm <sup>2</sup> )
• finely stranded without core end processing		1x (0.5 ... 1.5 mm <sup>2</sup> ), 2x (0.5 ... 0.75 mm <sup>2</sup> )
• for AWG conductors		
— solid		1x (20 ... 16), 2x (20 ... 18)
— stranded		1x (20 ... 16), 2x (20 ... 18)

#### Mechanical data:

<b>Cable entry type</b>		1x (M20 x 1.5)
-------------------------	--	----------------

#### Communication/ Protocol:

<b>Design of the interface</b>		without
--------------------------------	--	---------

#### Ambient conditions:

<b>Ambient temperature</b>		
----------------------------	--	--

- during operation
- during storage

°C	-25 ... +85
°C	-40 ... +90

#### Installation/ mounting/ dimensions:

mounting position	any
Mounting type	screw fixing

#### Certificates/ approvals:

General Product Approval	Declaration of Conformity	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

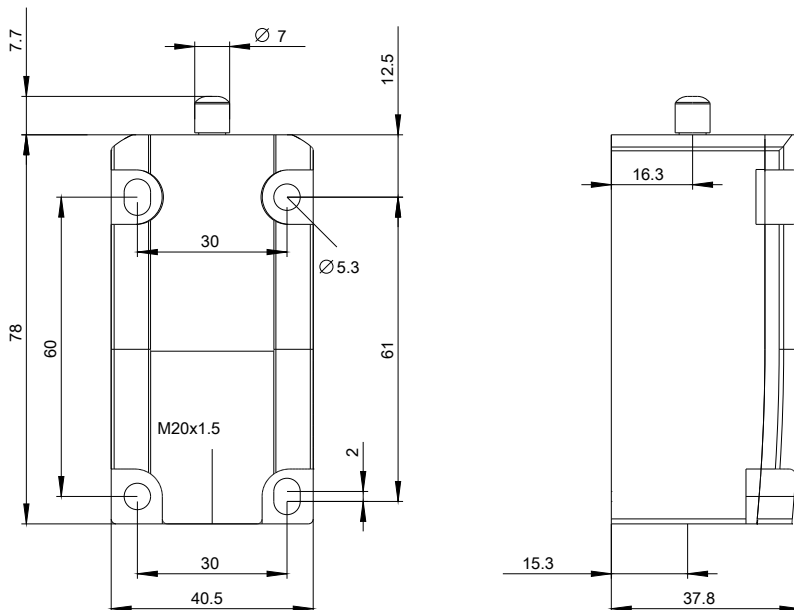
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE51320LA00>

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

<http://support.automation.siemens.com/WW/view/en/3SE51320LA00/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SE51320LA00&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE51320LA00&lang=en)



last modified:

09.03.2015