

SIRIUS POSITION SWITCH W. INCREASED CORROSION PROT.  
 PLASTIC HOUSING ACC. TO EN50047, 31MM DEVICE  
 CONNECTION 1X(M20X1.5); 1NO/1NC SNAP-ACTION CONTACTS  
 (REPLACEABLE) ROLLER LEVER STAINLESS STEEL W.  
 PLASTIC ROLLER 13MM



<b>Product designation</b>	standard position switch
<b>Manufacturer's article number</b>	
<ul style="list-style-type: none"> <li>• of the supplied basic switch</li> </ul>	<a href="#">3SE5232-0CC05-1CA0</a>
<ul style="list-style-type: none"> <li>• of the supplied actuator head for position switches</li> </ul>	<a href="#">3SE5000-0AE12</a>
<ul style="list-style-type: none"> <li>• of the supplied switching contacts</li> </ul>	<a href="#">3SE5000-0CA00</a>
<ul style="list-style-type: none"> <li>• of the supplied empty enclosure with cover</li> </ul>	<a href="#">3SE5232-0AC05-1CA0</a>

General technical data	
<b>Product function</b>	
<ul style="list-style-type: none"> <li>• positive opening</li> </ul>	Yes
<b>Insulation voltage</b>	
<ul style="list-style-type: none"> <li>• rated value</li> </ul>	400 V
<b>Degree of pollution</b>	class 3
<b>Surge voltage resistance rated value</b>	6 kV
<b>Protection class IP</b>	IP65
<b>Shock resistance</b>	
<ul style="list-style-type: none"> <li>• acc. to IEC 60068-2-27</li> </ul>	30 g / 11 ms
<b>Vibration resistance</b>	
<ul style="list-style-type: none"> <li>• acc. to IEC 60068-2-6</li> </ul>	0.35 mm/5g

<b>Mechanical service life (switching cycles)</b>	
• typical	15 000 000
<b>Electrical endurance (switching cycles)</b>	
• at AC-15 at 230 V typical	100 000
<b>Electrical endurance (switching cycles) with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 typical</b>	10 000 000
<b>Electrical operating cycles in one hour with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026</b>	6 000
<b>Thermal current</b>	6 A
<b>Equipment marking</b>	
• acc. to DIN EN 61346-2	B
• acc. to DIN EN 81346-2	B
<b>Continuous current of the C characteristic MCB</b>	1 A; for a short-circuit current smaller than 400 A
<b>Continuous current of the quick DIAZED fuse link</b>	10 A; for a short-circuit current smaller than 400 A
<b>Continuous current of the DIAZED fuse link gG</b>	6 A
<b>Active principle</b>	mechanical
<b>Repeat accuracy</b>	0.05 mm
<b>Minimum actuating force in activation direction</b>	10 N
<b>Operating current at AC-15</b>	
• at 24 V rated value	6 A
• at 125 V rated value	6 A
• at 230 V rated value	6 A
• at 400 V rated value	4 A
<b>Operating current at DC-13</b>	
• at 24 V rated value	3 A
• at 125 V rated value	0.55 A
• at 230 V rated value	0.27 A
• at 400 V rated value	0.1 A

<b>Enclosure</b>	
<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

<b>Drive Head</b>	
<b>Design of the operating mechanism</b>	Roller lever, high-grade steel lever, plastic roller
<b>Standard-compliant actuator head</b>	EN 50047, design E
<b>Shape of the switch head</b>	roller
<b>Design of the switching function</b>	positive opening

<b>Connections/Terminals</b>	
<b>Type of electrical connection</b>	screw-type terminals

<b>Type of connectable conductor cross-sections</b>	
<ul style="list-style-type: none"> <li>• solid</li> </ul>	1x (0.5 ... 1.5 mm <sup>2</sup> ), 2x (0.5 ... 0.75 mm <sup>2</sup> )
<ul style="list-style-type: none"> <li>• finely stranded with core end processing</li> </ul>	1x (0.5 ... 1.5 mm <sup>2</sup> ), 2x (0.5 ... 0.75 mm <sup>2</sup> )
<ul style="list-style-type: none"> <li>• at AWG conductors solid</li> </ul>	1x (20 ... 16), 2x (20 ... 18)
<ul style="list-style-type: none"> <li>• at AWG conductors stranded</li> </ul>	1x (20 ... 16), 2x (20 ... 18)

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

<b>Communication/ Protocol</b>	
<b>Design of the interface</b>	without

<b>Ambient conditions</b>	
<b>Ambient temperature</b>	
<ul style="list-style-type: none"> <li>• during operation</li> </ul>	-25 ... +85 °C
<ul style="list-style-type: none"> <li>• during storage</li> </ul>	-40 ... +90 °C

<b>Installation/ mounting/ dimensions</b>	
<b>Mounting position</b>	any
<b>Mounting type</b>	screw fixing

**Certificates/approvals**

<b>General Product Approval</b>	<b>Functional Safety/Safety of Machinery</b>	<b>Declaration of Conformity</b>
---------------------------------	--	----------------------------------



[Type Examination Certificate](#)



<b>Test Certificates</b>	<b>other</b>
<a href="#">Special Test Certificate</a>	<a href="#">Confirmation</a>

**Further information**

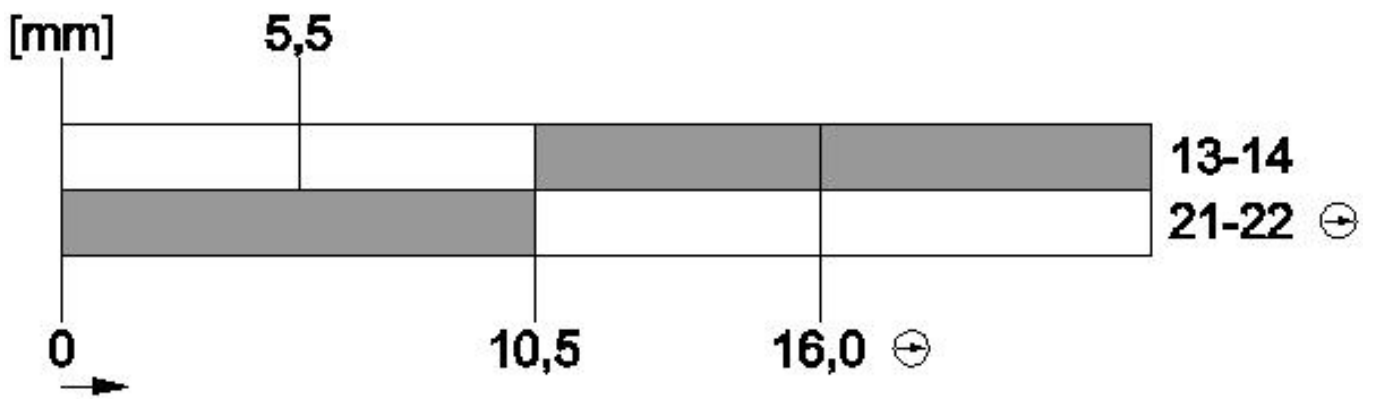
**Information- and Downloadcenter (Catalogs, Brochures,...)**  
<http://www.siemens.com/industrial-controls/catalogs>

**Industry Mall (Online ordering system)**  
<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SE5232-0CE12-1CA0>

**Cax online generator**  
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE5232-0CE12-1CA0>

**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**  
<https://support.industry.siemens.com/cs/ww/en/ps/3SE5232-0CE12-1CA0>





last modified:

07/10/2017