




SIRIUS POSITION SWITCH;  
 PLASTIC HOUSING OPEN TYPE 30MM 1NO/2NC SNAP-  
 ACTION CONTACTS METAL PLUNGER,  
 IP10

General technical data:		
<b>Product designation</b>		standard position switch
<b>Explosion protection category for dust</b>		none
<b>Insulation voltage</b>		
• rated value	V	400
<b>Degree of pollution</b>		class 3
<b>Thermal current</b>	A	6
<b>Operating current</b>		
• at AC-15		
• at 24 V / rated value	A	6
• at 125 V / rated value	A	6
• at 230 V / rated value	A	1.5
• at DC-13		
• at 24 V / rated value	A	3
• at 125 V / rated value	A	0.55
• at 230 V / rated value	A	0.27
<b>Continuous current</b>		
• of the slow DIAZED fuse link	A	6
• of the quick DIAZED fuse link	A	10
• of the C characteristic circuit breaker	A	1

<b>Mechanical operating cycles as operating time</b> • typical		15,000,000
<b>Electrical operating cycles as operating time</b> • with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 / typical • at AC-15 / at 230 V / typical		10,000,000 100,000
<b>Electrical operating cycles in one hour</b> • with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026		6,000
<b>Repeat accuracy</b>	mm	0.05
<b>Design of the contact element</b>		snap-action contacts
<b>Number of NC contacts</b> • for auxiliary contacts		2
<b>Design of the switching function</b>		positive opening
<b>Number of NO contacts</b> • for auxiliary contacts		1
<b>Resistance against vibration</b>		0.35 mm / 5g
<b>Resistance against shock</b>		30g / 11 ms
<b>Ambient temperature</b> • during operating • during storage	°C °C	-25 ... +85 -40 ... +90
<b>Width of the sensor</b>	mm	30
<b>Material</b> • of the enclosure		plastic, open-type
<b>Material / of the enclosure / of the switch head</b>		plastic
<b>Design of the operating mechanism</b>		Metal plunger
<b>Actuating speed</b>	mm/s / m/s	0.1 ... 1.5
<b>Minimum actuating force / in activation direction</b>	N	20
<b>Protection class IP</b>		IP10
<b>mounting position</b>		any
<b>Design of the electrical connection</b>		screw-type terminals
<b>Reference code</b> • 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
		<a href="#">Special Test Certificate</a>	<a href="#">Confirmation</a>
	EG-Konf.		
			

Further information:

Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/industrial-controls/catalogs>

Industry Mall (Online ordering system)

<http://www.siemens.com/industrial-controls/mall>

Cax online generator

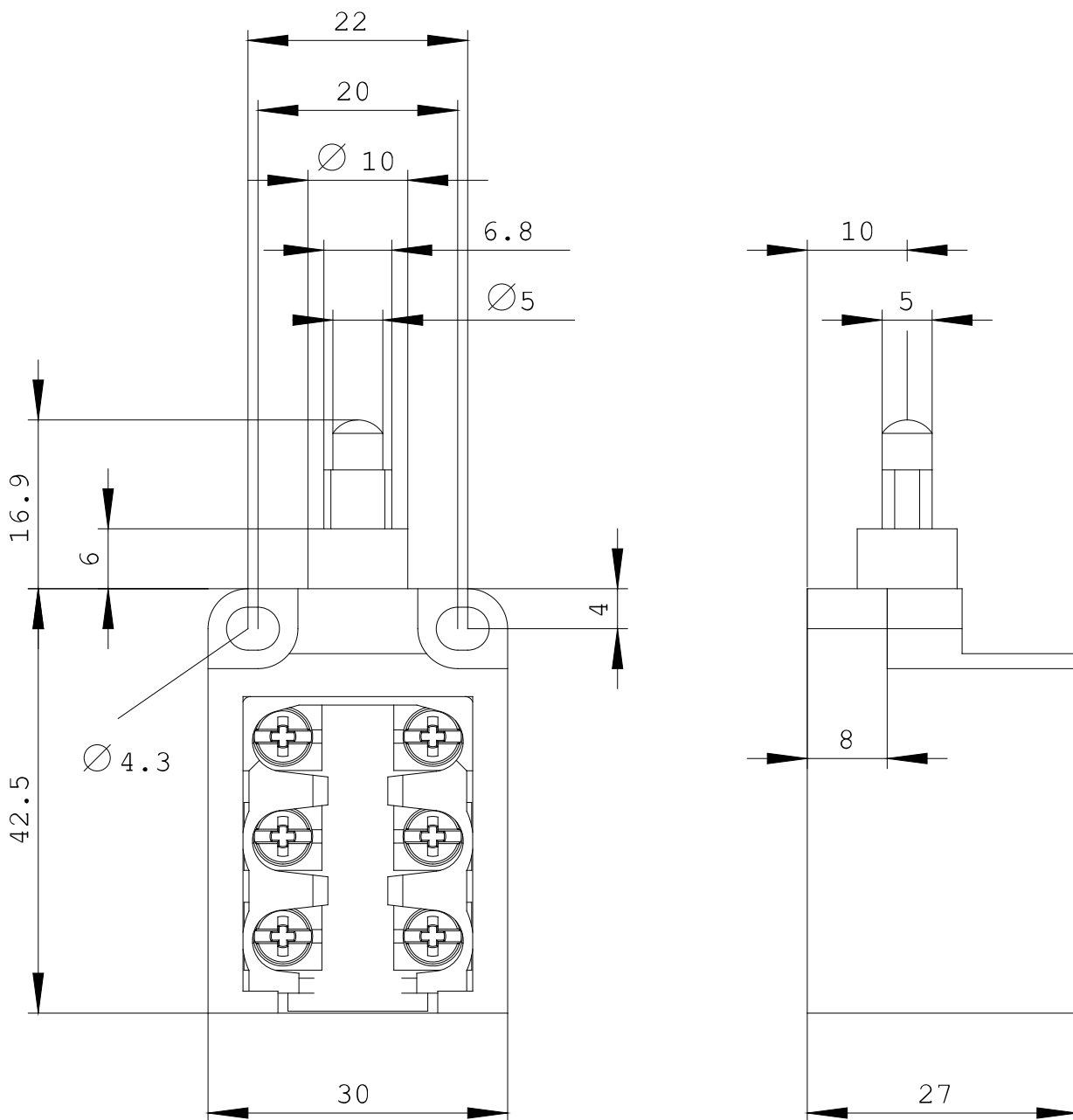
<http://www.siemens.com/cax>

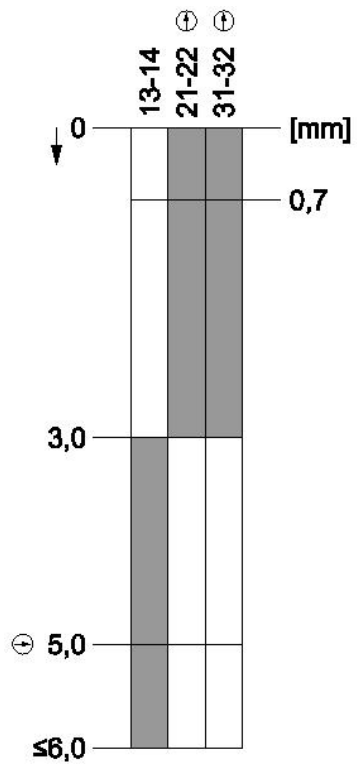
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<http://support.automation.siemens.com/WW/view/en/3SE5250-0LC05/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3SE5250-0LC05](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3SE5250-0LC05)





last change:

Jul 28, 2014