



SIRIUS POSITION SWITCH METAL HOUSING 56MM
DEVICE CONNECTION 3X (M20X1.5) 1NO/ 1NC SNAP-
ACTION CONTACTS ROLLER PLUNGER W. STAINL.
STEEL ROLLER 13MM,
ACTUATING/RESTORING FORCE 30N

Manufacturer article number		
		3SE5122-0CA00-1AA7
		3SE5000-0AD02

General technical details:

product designation	standard position switch	
Product feature	increased restoring force	
Explosion protection category for dust	none	
Insulation voltage		
• rated value	V	400
Degree of pollution	class 3	
Thermal current	A	6
Operating current		
• at AC-15		
• at 24 V / rated value	A	6
• at 125 V / rated value	A	6
• at 230 V / rated value	A	6
• at 400 V / rated value	A	4
• 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
• at 400 V / rated value	A	0.1
Continuous current		
• of the slow DIAZED fuse link	A	6
• of the quick DIAZED fuse link	A	10
• of the C characteristic circuit breaker	A	1
Mechanical operating cycles as operating time		
• typical		3,000,000
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
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
Width of the sensor	mm	56
Material		
• of the enclosure		metal
Material / of the housing / of the switch head		metal
Design of the operating mechanism		Stainless steel roller
Actuating speed	mm/s / m/s	0.1 ... 1
Minimum actuating force / in activation direction	N	30
Protection class IP		IP66/IP67
mounting position		any
Cable gland version		3 x (M20 x 1.5)
Design of the electrical connection		screw-type terminals
Item designation		
• according to DIN 40719 extendable after IEC 204-2		S

Certificates/approvals:

General Product Approval

Declaration of Conformity

Test Certificates



CCC



GOST



UL



VDE



EG-Konf.

[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/industrial-controls/mall>

CAX-Online-Generator

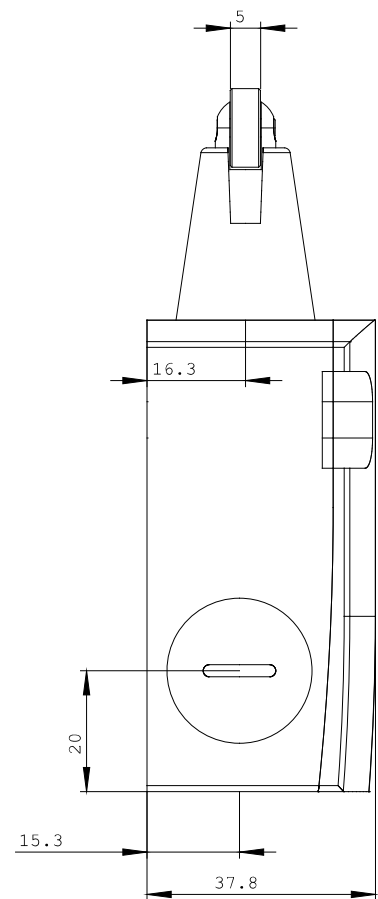
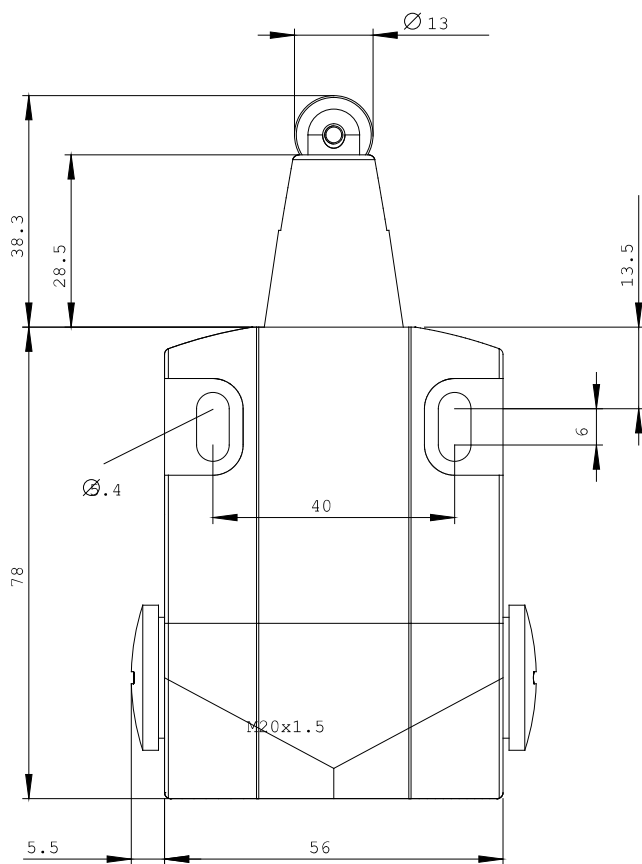
<http://www.siemens.com/cax>

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

<http://support.automation.siemens.com/WW/view/en/3SE5122-0CD02-1AA7/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3SE5122-0CD02-1AA7



last change:

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