



SIRIUS POSITION SWITCH METAL ENCLOSURES 40MM
ACC. TO EN50041 DEVICE CONNECTION 1X (M20X1.5)
1NO/ 1NC SNAP-ACTION CONTACTS TWIST ACTUATOR
RIGHT/LEFT ADJUST.,METAL LEVER 27MM LONG,
ROLLER WITH BALL BEARING 19MM

Manufacturer article number		
• of the basic unit included in the scope of supply		3SE5112-0CA00
• of the actuator head for position switches included in the scope of supply		3SE5000-0AH00
• of the operating lever included in the scope of supply		3SE5000-0AA03

General technical data:

Product designation		standard position switch
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 • at 125 V / rated value • at 230 V / rated value • at 400 V / rated value • at DC-13 • at 24 V / rated value • at 125 V / rated value	A A A A A A A	6 6 6 4 3 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		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
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
Material / of the enclosure / of the switch head		metal
Design of the operating mechanism		metal lever, 27 mm long, step 9 mm, ball bearing roller 19 mm
Actuating speed	mm/s / m/s	0.1 ... 1.5
Minimum actuating force / in activation direction	N·m	0.25
Protection class IP		IP66/IP67
mounting position		any
Cable gland version		1x (M20 x 1.5)

Design of the electrical connection		screw-type terminals
Reference code		
• 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
 CSA		 UL	 EG-Konf.
		Special Test Certificate	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

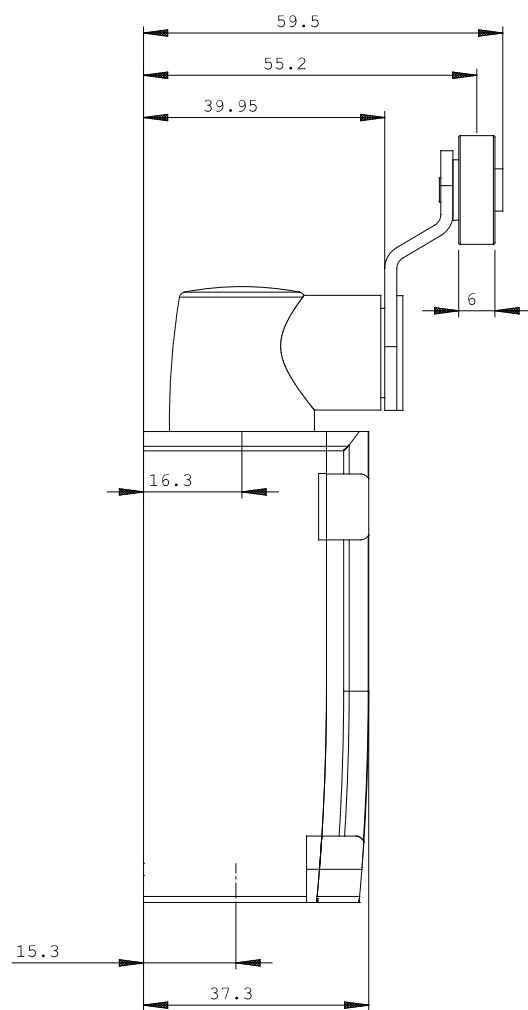
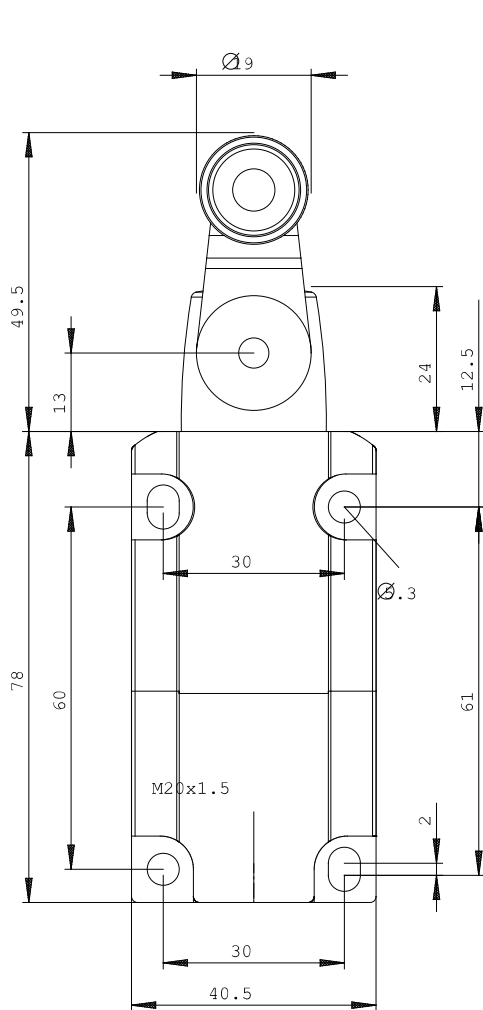
<http://www.siemens.com/cax>

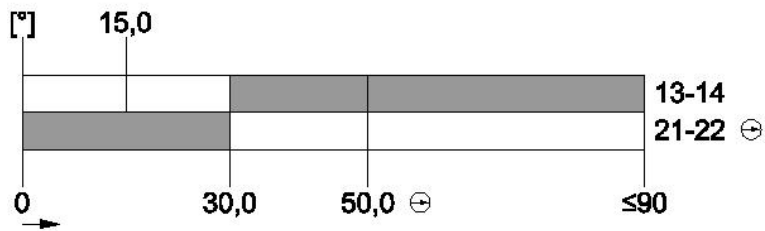
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<http://support.automation.siemens.com/WW/view/en/3SE5112-0CH03/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3SE5112-0CH03





last change:

Jul 24, 2014