SIEMENS

Product data sheet

3SE5112-0BH01



SIRIUS POSITION SWITCH METAL HOUSING 40MM, TWIST LEVER, TO EN50041,

DEVICE CONNECTION 1X (M20X1.5) 1NO/1NC SLOW-ACTION CONTACTS ROTARY ACTUATOR RIGHT/LEFT ADJUSTABLE,

METAL LEVER 27MM LONG AND PLASTIC ROLLER 19MM

Manufacturer article number	
 of the basic unit included in the scope of supply 	3SE5112-0BA00
 of the actuator head for position switches included in the scope of supply 	<u>3SE5000-0AH00</u>

• of the operating lever included in the scope of supply

3SE5000-0AH00
3SE5000-0AA01

General technical details:

Product designation		standard position switch
Insulation voltage		
rated value	V	400
Degree of pollution		class 3
Thermal current	А	6
Operating current		
• at AC-15		
• at 24 V / rated value	А	6
• at 125 V / rated value	А	6
• at 230 V / rated value	А	3
• at DC-13		
• at 24 V / rated value	А	3
• at 125 V / rated value	А	0.55
• at 230 V / rated value	А	0.27

Continuous current		
of the slow DIAZED fuse link	А	6
of the quick DIAZED fuse link	А	10
of the C characteristic circuit breaker	А	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	0.1
Design of the contact element		slow-action contacts
Number of NC contacts		
for auxiliary contact		1
Design of the switching function		positive opening
Number of NO contacts		
for auxiliary contact		1
Resistance against vibration		0.35 mm / 5g
Resistance against shock	-	30g / 11 ms
Ambient temperature		
 during the operating phase 	°C	-25 85
during storage	°C	-40 90
Product specification	-	
• for dimensions		EN 50041
Width of the sensor	mm	40
Material		
• of the housing		metal
Material / of the housing / of the switch head	-	metal
Design of the operating mechanism	-	metal lever, 27 mm long, step 9 mm, plastic roller 19 mm
Actuating speed	mm/s / m/s	0.4 1.5
Protection class IP		IP66/IP67
Built in orientation		any
Design of the cable entry (gland)		1x (M20 x 1.5)
Design of the electrical connection		screw-type terminals
Item designation		
 according to DIN 40719 extendable after IEC 204-2 		S

Further information:

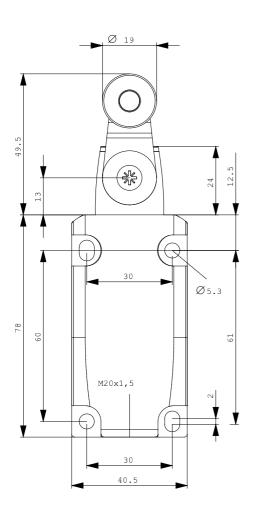
Information- and Downloadcenter (Catalogs, Brochures,...) http://www.siemens.com/industrial-controls/catalogs

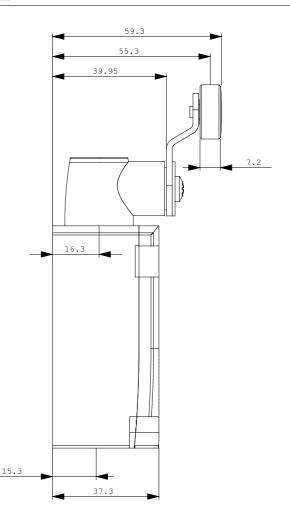
Global Industry Mall (Online ordering system)

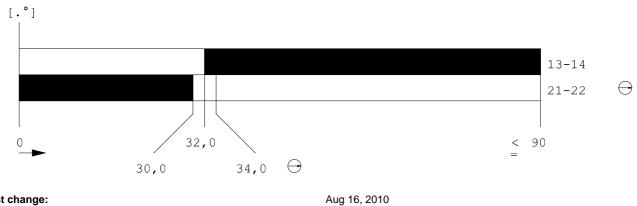
http://www.siemens.com/industrial-controls/mall

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) http://support.automation.siemens.com/WW/view/en/3SE5112-0BH01/all

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3SE5112-0BH01







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