



SIRIUS POSITION SWITCH;
PLASTIC HOUSING ACC. TO EN50047,
31MM 1NO/2NC SLOW-ACTION CONTACTS W. M12
CONNECTOR, 4-POLE MAX. 250V AND 4A,
2OE AND PE CONNECTED TEFLON PLUNGER

Manufacturer article number

- of the basic unit included in the scope of supply

[3SE5234-0KC05-1AE0](#)

General technical details:

product designation

standard position switch

Insulation voltage

- rated value

V

250

Degree of pollution

class 3

Thermal current

A

4

Operating current

- at AC-15
 - at 24 V / rated value
 - at 125 V / rated value
 - at 230 V / rated value
- at DC-13
 - at 24 V / rated value
 - at 125 V / rated value
 - at 230 V / rated value

A

4

A

4

A

1.5

A

3

A

0.55

A

0.27

Continuous current

- of the slow DIAZED fuse link
- of the quick DIAZED fuse link

A




4

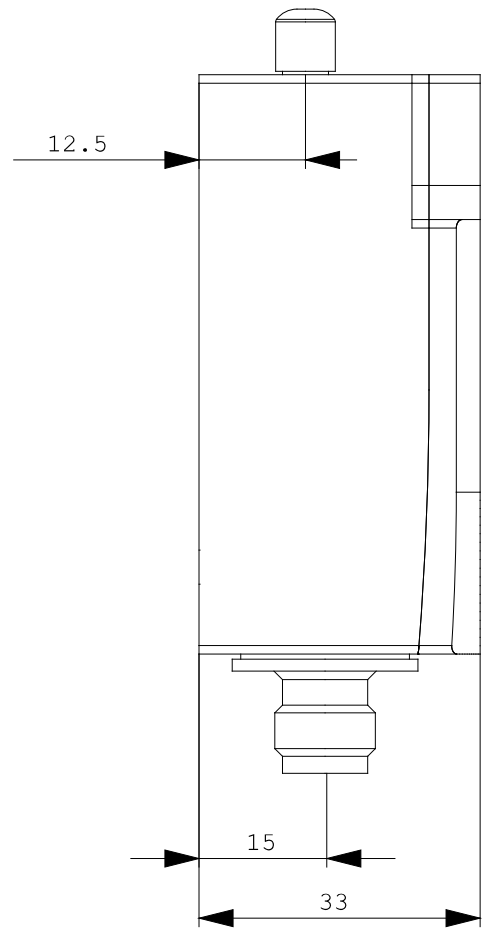
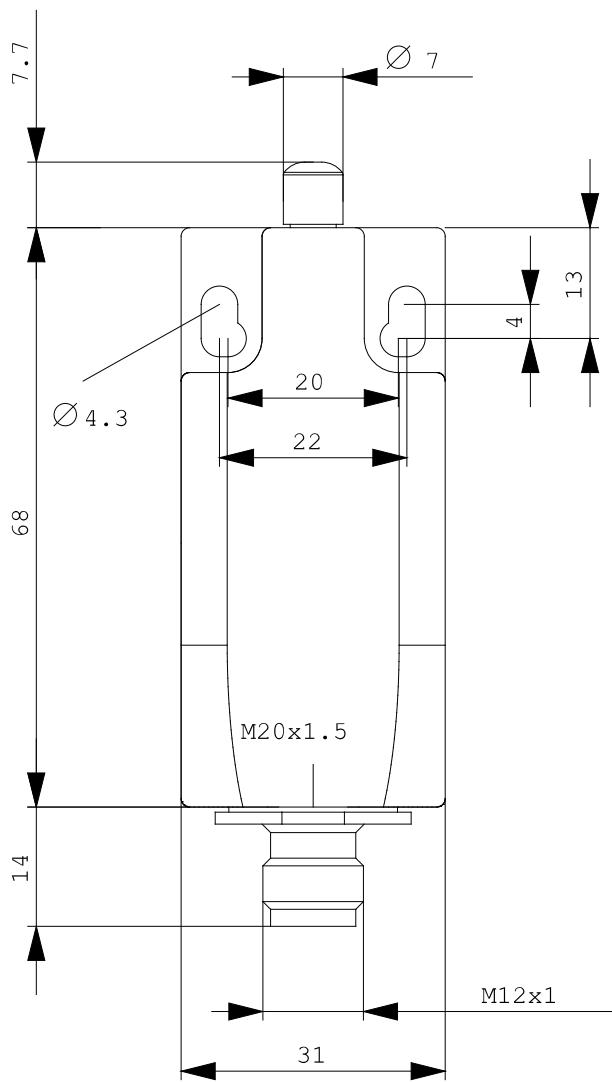
A

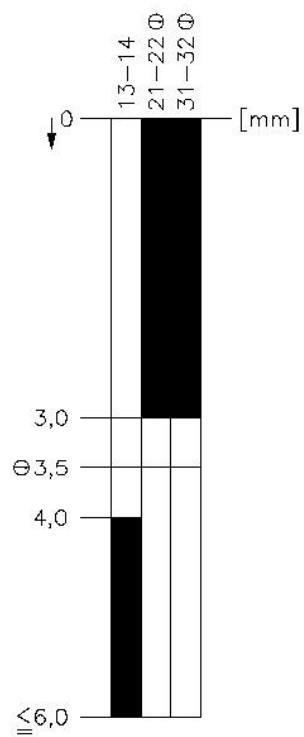
4

• of the C characteristic circuit breaker	A	1
Mechanical operating cycles as operating time		
• typical		15,000,000
Electrical operating cycles as operating time		
• 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		slow-action contacts
Number of NC contacts		
• for auxiliary contacts		2
Design of the switching function		positive opening
Number of NO contacts		
• for auxiliary contacts		0
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 50047
Width of the sensor	mm	31
material		
• of the housing		plastic
Material / of the housing / of the switch head		plastic
Design of the operating mechanism		teflon plunger
Actuating speed	mm/s / m/s	0.4 ... 1.5
Minimum actuating force / in activation direction	N	20
Protection class IP		IP65
Built in orientation		any
Cable gland version		M12 plug
Design of the electrical connection		M12 plug, fixed
Design of the plug-in connection		M12 plug, 4-pole: Pin 1 = terminal 21, Pin 2 = 22, Pin 3 = 31, Pin 4 = 32
Item designation		
• according to DIN 40719 extendable after IEC 204-2		S
• according to DIN EN 61346-2		B

Certificates/approvals:

General Product Approval			Functional Safety / Safety of Machinery	
 CQC	ROSTEST	 UL	 VDE	TÜV
Test Certificates		other		
Manufacturer	other	Manufacturer		
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/3SE5234-0KC05-1AE0/all				
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3SE5234-0KC05-1AE0				





last change:

Nov 24, 2011