



SIRIUS POSITION SWITCH;
 PLASTIC ENCLOSURE ACC.TO EN50047,
 31MM DEVICE CONNECTION 1X(M20X1.5);
 1NO/2NC SLOW-ACTION CONTACTS,
 ROUNDED PLUNGER,FORM B,
 WITH TEFLON PLUNGER FUNCTIONAL AT -40
 DEGREES,
 SHOCK-AND VIBRATION TEST ACC.TO EN61373,
 CATEGORY 1B

Manufacturer article number

- of the basic unit included in the scope of supply

[3SE5232-0KC05-1AJ0](#)

General technical details:

product designation		standard position switch
Product feature		expanded temperature range, e.g. railway application
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	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
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		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		1
Resistance against vibration		0.35 mm / 5g
• for railway applications / according to DIN EN 61373		Category 1, Class B
Resistance against shock		30g / 11 ms
• for railway applications / according to DIN EN 61373		Category 1, Class B
Ambient temperature		
• during operating	°C	-40 ... +85
• during storage	°C	-40 ... +90
Product specification		
• for dimensions		EN 50047
Width of the sensor	mm	31
Material		
• of the enclosure		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
mounting position		any
Cable gland version		1x (M20 x 1.5)
Design of the electrical connection		screw-type terminals
Fire load	kJ	796

Item designation

- according to DIN 40719 extendable after IEC 204-2
- according to DIN EN 61346-2

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Certificates/approvals:**General Product Approval****Functional Safety /
Safety of
Machinery****Declaration of
Conformity**

CCC



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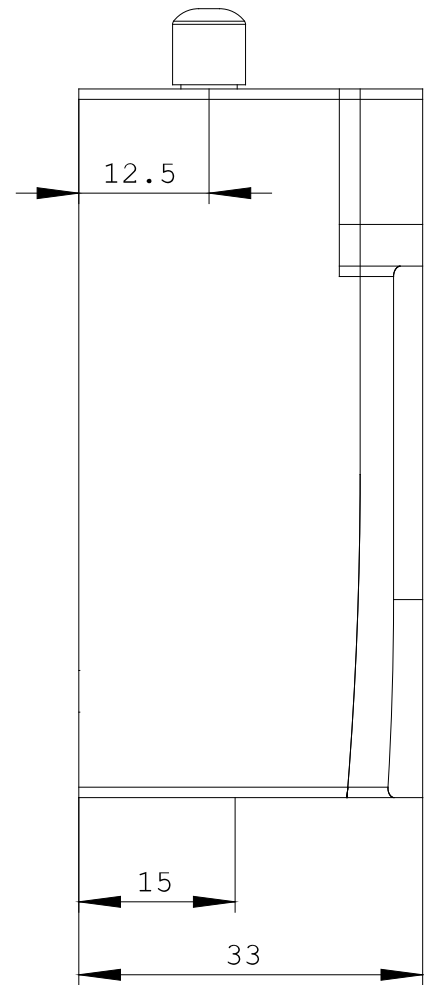
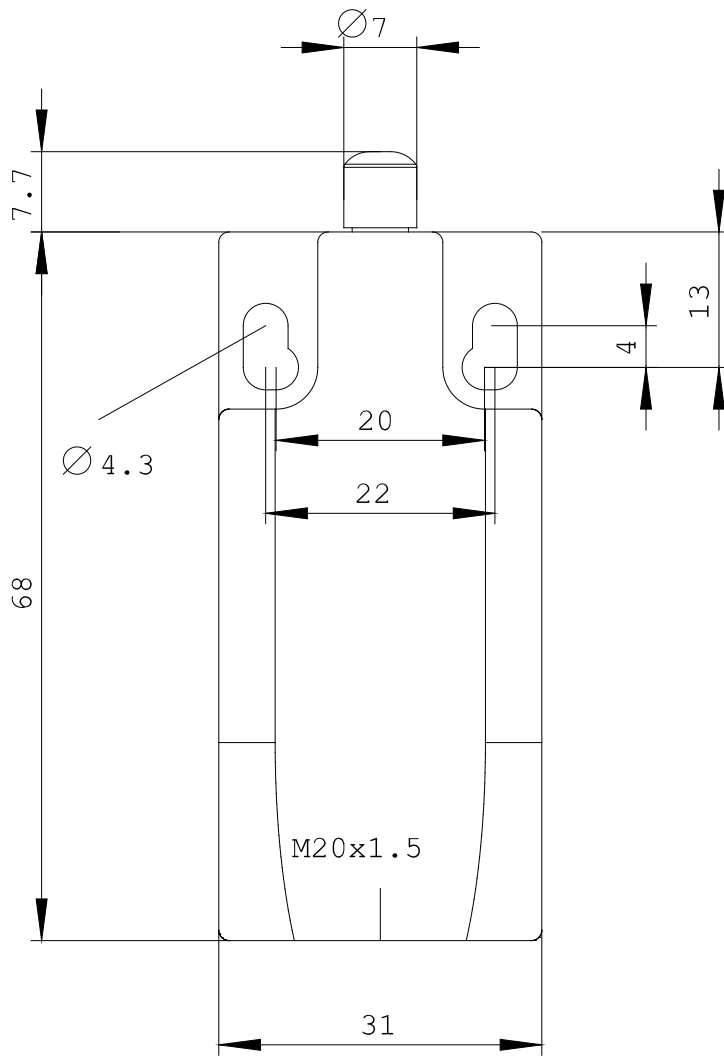


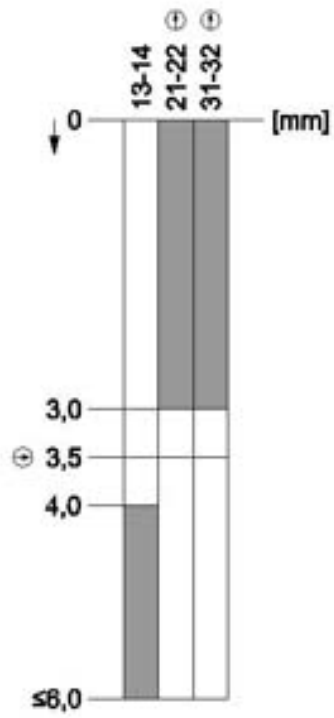
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last change:

Feb 18, 2013