



SIRIUS POSITION SWITCH, PLASTIC 31MM,
ACC. TO EN 50047 INCREASED CORROSION
PROTECTION,
DEVICE CONNECTION 1X (M20X1.5) 1NO/2NC QUICK
ACTION CONTACTS ROUNDED PLUNGER,
FUNCTIONAL AT -40 DEGREES,
SHOCK AND VIBRATION TEST ACC. TO EN61373,
CATEGORY 1B

Manufacturer article number		
<ul style="list-style-type: none"> of the basic unit included in the scope of supply 		3SE5232-0LC05-1AJ0

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		
<ul style="list-style-type: none"> rated value 	V	400
Degree of pollution		class 3
Thermal current	A	6
Operating current		
<ul style="list-style-type: none"> at AC-15 <ul style="list-style-type: none"> at 24 V / rated value at 125 V / rated value at 230 V / rated value at DC-13 <ul style="list-style-type: none"> at 24 V / rated value at 125 V / rated value at 230 V / rated value 	A	6
	A	6
	A	1.5
	A	3
	A	0.55
	A	0.27
Continuous current		

<ul style="list-style-type: none"> • of the slow DIAZED fuse link • of the quick DIAZED fuse link • of the C characteristic circuit breaker 	A	6
	A	10
	A	1
Mechanical operating cycles as operating time		
<ul style="list-style-type: none"> • typical 		15,000,000
Electrical operating cycles as operating time		
<ul style="list-style-type: none"> • with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 / typical 		10,000,000
<ul style="list-style-type: none"> • at AC-15 / at 230 V / typical 		100,000
Electrical operating cycles in one hour		
<ul style="list-style-type: none"> • 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		
<ul style="list-style-type: none"> • for auxiliary contacts 		2
Design of the switching function		positive opening
Number of NO contacts		
<ul style="list-style-type: none"> • for auxiliary contacts 		1
Resistance against vibration		0.35 mm / 5g
<ul style="list-style-type: none"> • for railway applications / according to DIN EN 61373 		Category 1, Class B
Resistance against shock		30g / 11 ms
<ul style="list-style-type: none"> • for railway applications / according to DIN EN 61373 		Category 1, Class B
Ambient temperature		
<ul style="list-style-type: none"> • during operating 	°C	-40 ... +85
<ul style="list-style-type: none"> • during storage 	°C	-40 ... +90
Product specification		
<ul style="list-style-type: none"> • for dimensions 		EN 50047
Width of the sensor	mm	31
Material		
<ul style="list-style-type: none"> • 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	0.1 ... 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	1,244

Item designation

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

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B

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

CCC



GOST



UL



VDE

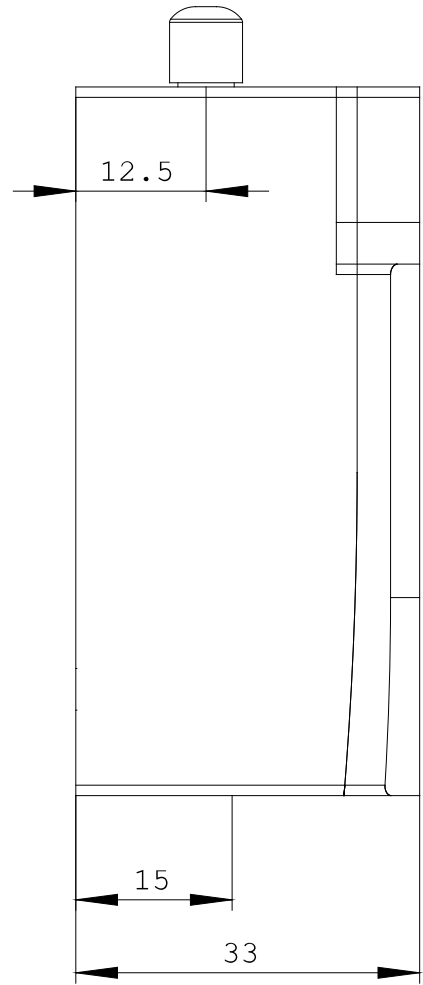
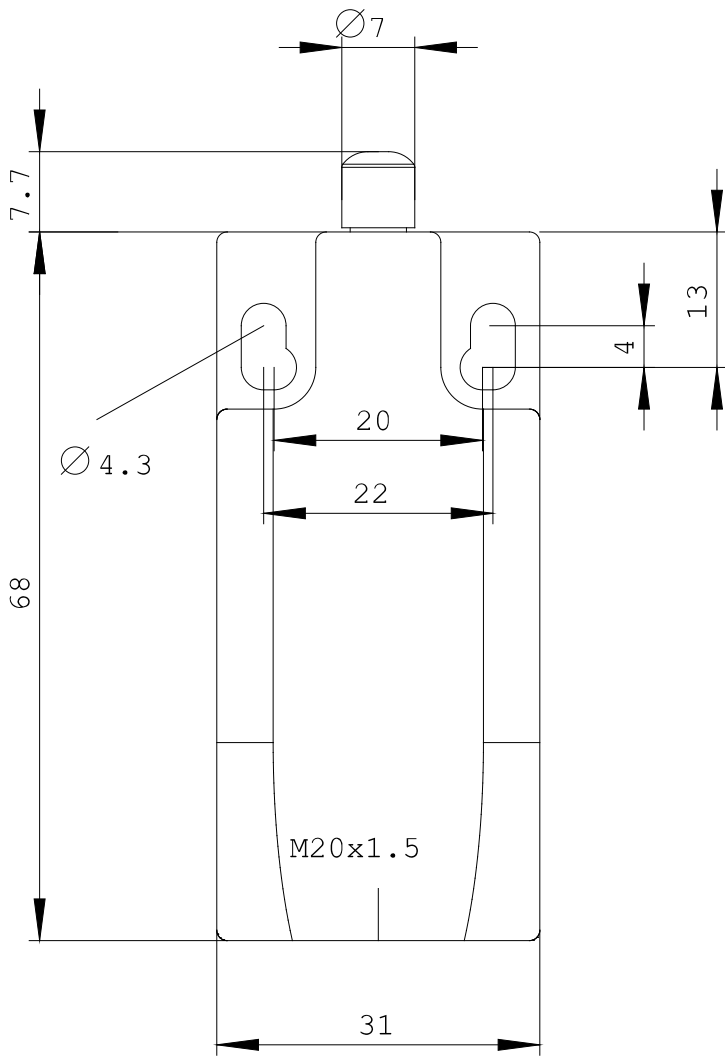


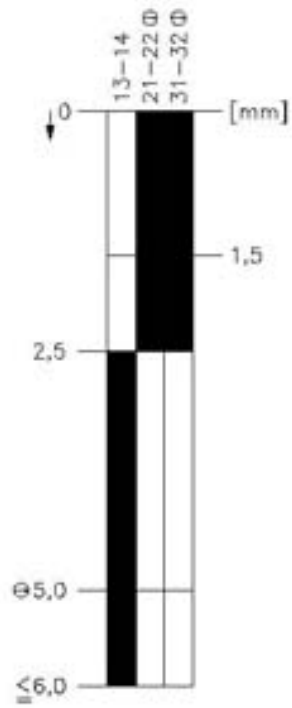
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EG-Konf.

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last change:

Feb 18, 2013