SIEMENS

Industry Automation and Drive Technologies Service & Support

3SE5212-0QV40 POS.MET.,W. SEPARATE ACT.,1NO+2NC

SAFETY POS. SWITCH W. SEPARATE ACTUATOR, METAL ENCLOSURE, 31MM; 1X(M20X1.5) SLOW-ACTION CONTACTS 1NO+2NC, 5 APPROACH DIRECTIONS, THE SUITABLE SEPARATE ACTUATOR 3SE5000-0AV0. HAS TO ORDERED SEPARATELY

General technical details:

product designation		position switch with separate actuator
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		1,000,000
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
Resistance against shock		30g / 11 ms
Ambient temperature		
• during operating	℃	-25…+85
• during storage	℃	-40…+90
Product specification		
• for dimensions		EN 50047
Width of the sensor	mm	31
material		
• of the housing		metal
Material / of the housing / of the switch head		plastic
Design of the operating mechanism		5 directions of approach
Actuating speed	mm/s / m/s	0.4…0.5
Minimum actuating force / in activation direction	N	20
Protection class IP		IP66/IP67
Built in orientation		any
Cable gland version		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
• according to DIN EN 61346-2		B

Certificates/approvals:

General Product Approval			Test Certificates	other
GOST	UL	VDE	Special Test Certificate	Confirmation

Further information:

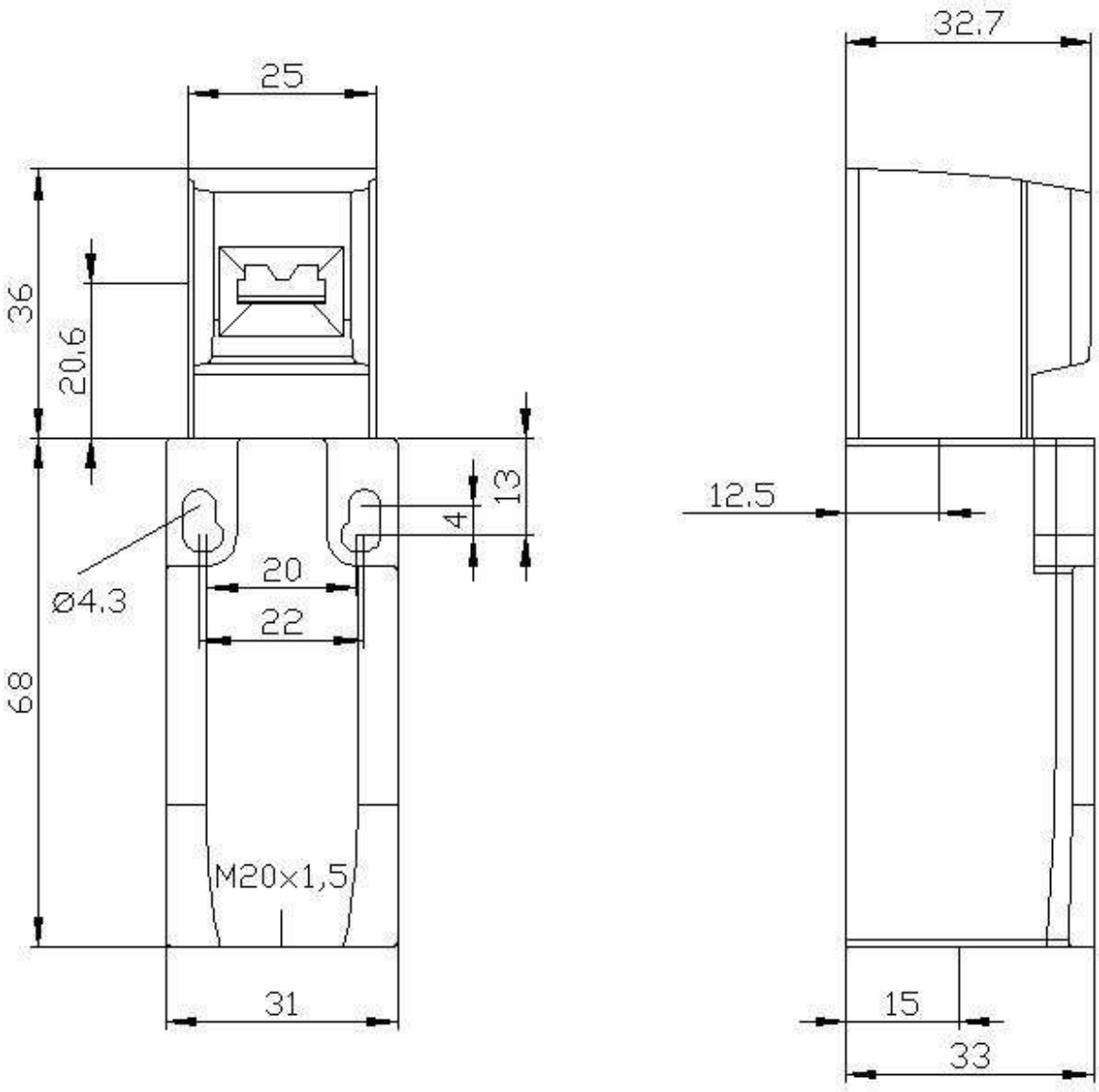
Information- and Downloadcenter (Catalogs, Brochures,…)
http://www.siemens.com/industrial-controls/catalogs

Industry Mall (Online ordering system)
http://www.siemens.com/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/3SE5212-0QV40/all

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3SE5212-0QV40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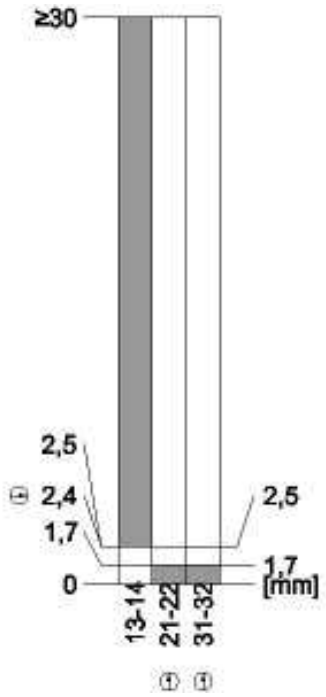

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