

SAFETY POS. SWITCH W. SEPARATE ACTUATOR, METAL ENCLOSURE, 31MM; 1X(M20X1.5) SLOW-ACTION CONTACTS 1NO+1NC, 2XLEDS YELLOW/GREEN 230V AC, 5 APPROACH DIRECTIONS, THE SUITABLE SEPARATE ACTUATOR 3SE5000-0AV0. HAS TO ORDERED SEPARATELY



Product designation	position switch with separate actuator
General technical data:	
Product function	
• positive opening	Yes
Insulation voltage	
• Rated value	400 V
Degree of pollution	class 3
Vibration resistance	
• acc. to IEC 60068-2-6	0.35 mm/5g
Surge voltage resistance Rated value	4 kV
Mechanical service life (switching cycles)	
• typical	1 000 000
Electrical endurance (switching cycles)	
• at AC-15 at 230 V typical	100 000
Electrical endurance (switching cycles) with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 typical	1 000 000

Electrical operating cycles in one hour with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026	6 000
Thermal current	6 A
Material of the enclosure of the switch head	plastic
Protection class IP	IP66/IP67
Equipment marking	
<ul style="list-style-type: none"> • acc. to DIN EN 61346-2 • acc. to DIN EN 81346-2 	B B
Active principle	mechanical
Repeat accuracy	0.05 mm
Explosion protection category for dust	none
Explosion protection category for gas	none
Minimum actuating force in activation direction	20 N

Enclosure:

Design of the housing	block, narrow
Material of the enclosure	metal
Coating of the enclosure	cathodic immersion coating
Design of the housing acc. to standard	Yes

Drive Head:

Design of the operating mechanism	5 directions of approach
Standard-compliant actuator head	EN 50047
Design of the switching function	positive opening

Connections/ Terminals:

Type of electrical connection	screw-type terminals
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Mechanical data:

Cable entry type	1x (M20 x 1.5)
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Communication/ Protocol:

Design of the interface	without
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Ambient conditions:

Ambient temperature	
<ul style="list-style-type: none"> • during operation • during storage 	-25 ... +60 °C -40 ... +90 °C

Supply voltage:

Type of voltage of the supply voltage	
<ul style="list-style-type: none"> • of the optional LED indicator 	AC
Supply voltage	
<ul style="list-style-type: none"> • of LED 	230 V

Installation/ mounting/ dimensions:

mounting position	any
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Mounting type

screw fixing

Certificates/ approvals:

General Product Approval

Functional
Safety/Safety
of Machinery

Declaration of
Conformity



CCC



CSA



UL



[Baumusterprüfbescheinigung](#)



EG-Konf.

Test
Certificates

other

[spezielle
Prüfbescheinigung](#)
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[Bestätigungen](#)

Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/industrial-controls/catalogs>

Industry Mall (Online ordering system)

<http://www.siemens.com/industrymall>

Cax online generator

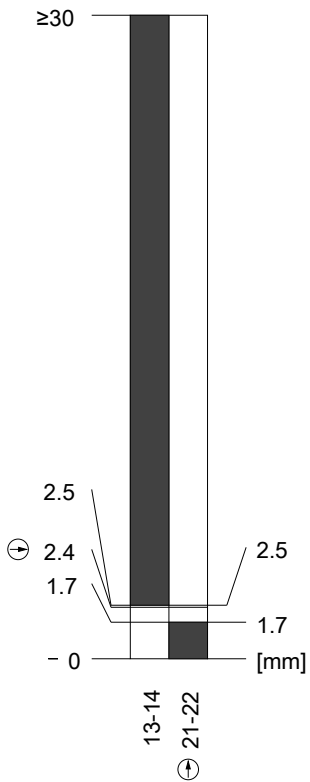
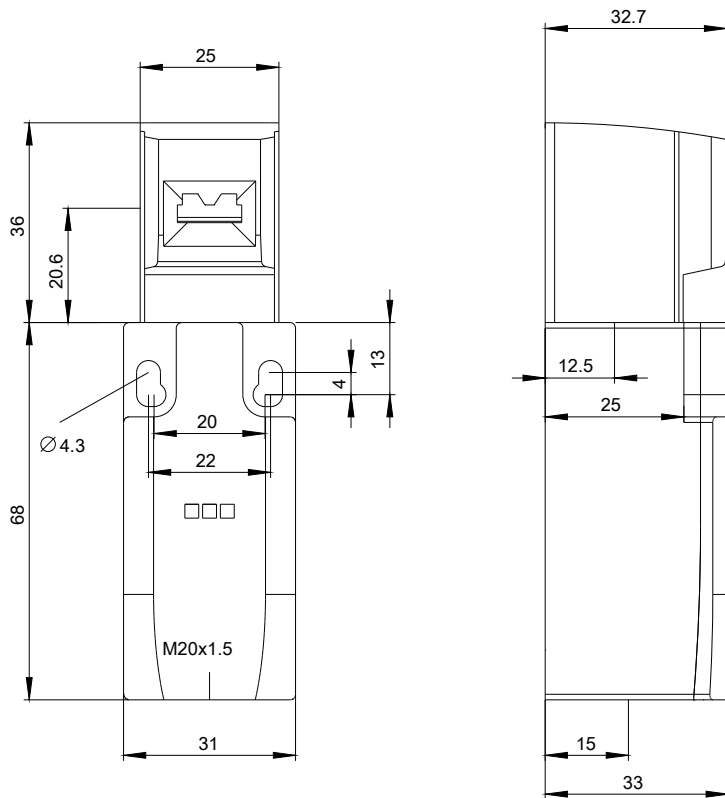
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE52123RV40>

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3SE52123RV40>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE52123RV40&lang=en



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