



BASIC SWITCH FOR POSITION SWITCH 3SE51. METAL ENCLOSURE 40MM TO EN50041 W. 2 LEDS, YELL./GREEN, 24V DC, 1X(M20X1.5) 1NO/2NC SLOW-ACTION CONTACTS W/O ACTUATOR HEAD

Manufacturer article number

- of the basic unit included in the scope of supply

[3SE5112-1KA00](#)

General technical details:

product designation		basic switch for standard position switches
Type of voltage / of the supply voltage		
<ul style="list-style-type: none"> • of the optional LED display 		DC
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 DC-13 • at 24 V / rated value 	A	3
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
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		slow-action contacts
Number of NC contacts <ul style="list-style-type: none"> • for auxiliary contacts 		2
Design of the switching function		Positive opening with appropriate positive opening actuator head
Number of NO contacts <ul style="list-style-type: none"> • for auxiliary contacts 		1
Resistance against vibration		0.35 mm / 5g
Resistance against shock		30g / 11 ms
Ambient temperature <ul style="list-style-type: none"> • during operating • during storage 	°C °C	-25 ... 70 -40 ... 90
Product specification <ul style="list-style-type: none"> • for dimensions 		EN 50041
Width of the sensor	mm	40
material <ul style="list-style-type: none"> • of the housing 		metal
Actuating speed	mm/s / m/s	0.4 ... 2.5
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 <ul style="list-style-type: none"> • according to DIN 40719 extendable after IEC 204-2 • according to DIN EN 61346-2 		S B

Certificates/approvals:

General Product Approval

Functional Safety / Safety of Machinery

Test Certificates



CQC

[ROSTEST](#)



UL



VDE

[TÜV](#)

[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

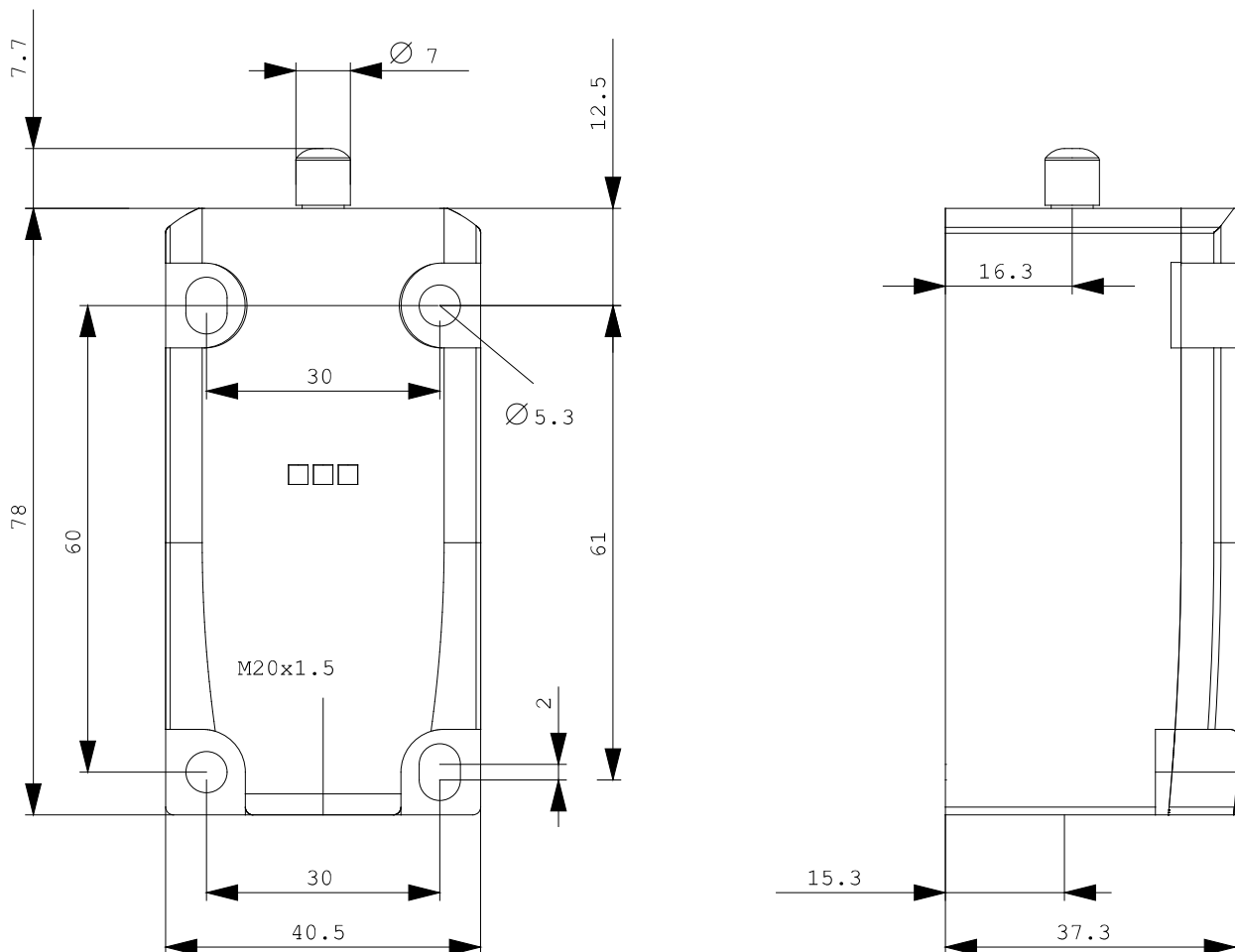
<http://www.siemens.com/cax>

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

<http://support.automation.siemens.com/WW/view/en/3SE5112-1KA00/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3SE5112-1KA00



last change:

Nov 24, 2011