



BASIC SWITCH 3SE51 METAL ENCLOSURE 40MM ACC.TO EN50041,1NO/2NC SNAP-ACT.CONT. WITH M12-CONNECT.,8-POLE METAL WITH 2 LED, YELL./GREEN,24V DC, WITHOUT ACTUATOR HEAD PIN-ASSIGN.: PIN1=21, PIN2=22, PIN3=13 AND LED GREEN, PIN4=14 AND LED YELL., PIN5=31, PIN6=32 PIN7=GROUND LED, PIN8=PE

Manufacturer article number		
<ul style="list-style-type: none"> of the basic unit included in the scope of supply 		3SE5114-1LA00-1AD4

General technical data:		
Product designation		basic switch for standard position switches
Explosion protection category for dust		none
Type of voltage / of the supply voltage		DC
<ul style="list-style-type: none"> of the optional LED indicator 		
Insulation voltage		
<ul style="list-style-type: none"> rated value 	V	50
Degree of pollution		class 3
Thermal current	A	2
Operating current		
<ul style="list-style-type: none"> at DC-13 		
<ul style="list-style-type: none"> at 24 V / rated value 	A	2
Continuous current		
<ul style="list-style-type: none"> of the slow DIAZED fuse link 	A	2
<ul style="list-style-type: none"> of the quick DIAZED fuse link 	A	2
<ul style="list-style-type: none"> of the C characteristic circuit breaker 	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		snap-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 operatingduring storage	°C	-25 ... +60
	°C	-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 enclosure		metal
Design of the operating mechanism		without
Actuating speed	mm/s / m/s	0.1 ... 2.5
Minimum actuating force / in activation direction	N	20
Protection class IP		IP66/IP67
mounting position		any
Cable gland version		M12 plug
Design of the electrical connection		M12 plug, fixed
Design of the plug-in connection		M12 connector, 8-pole: pin 1= terminal 21, pin 2= 22, pin 3= 13/LED green, pin 4= 14/LED yellow, pin 5= 31, pin 6= 32, pin 7= ground LED, pin 8= PE
Reference code <ul style="list-style-type: none">according to DIN 40719 extended according to IEC 204-2according to DIN EN 61346-2		S B

Certificates/ approvals:

General Product Approval**Declaration of
Conformity****Test Certificates**

[Special Test
Certificate](#)

other

[Confirmation](#)

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

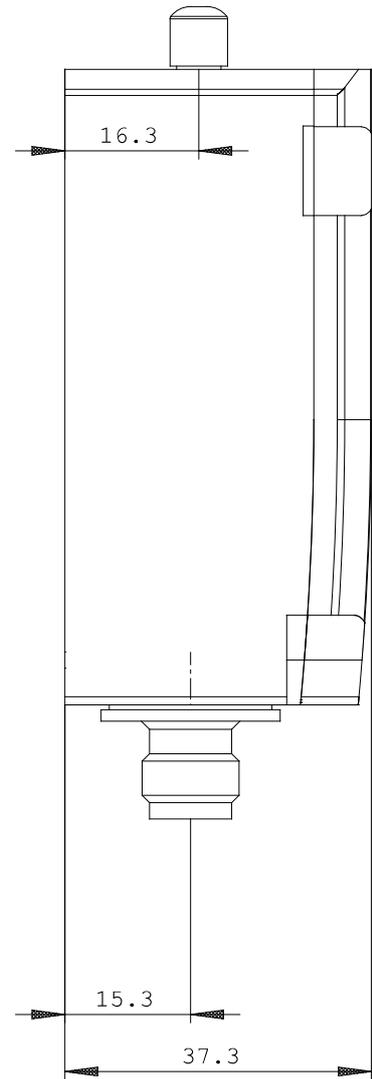
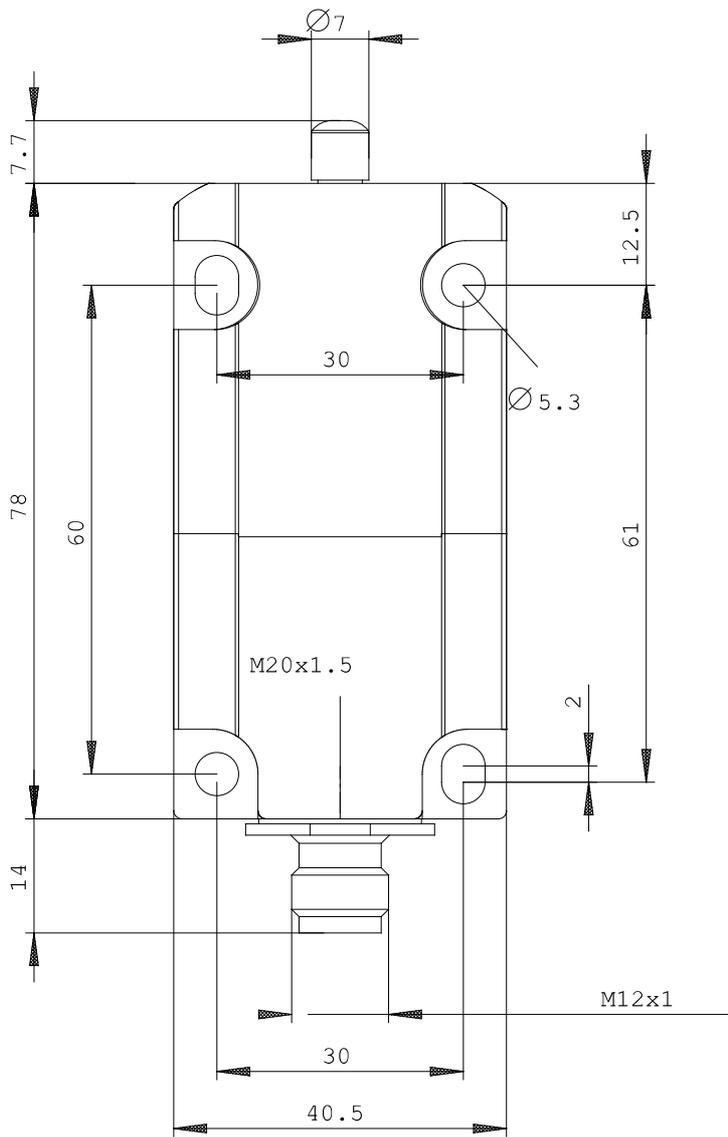
<http://www.siemens.com/cax>

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

<http://support.automation.siemens.com/WW/view/en/3SE5114-1LA00-1AD4/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3SE5114-1LA00-1AD4



last change:

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