



Position switch in compact design 30 mm wide with connecting cable 5 m Snap-action contacts 1 NO+1 NC with rounded plunger

product brand name	SIRIUS
product designation	Mechanical position switches
product type designation	3SE5
suitability for use safety switch	Yes
General technical data	
product function positive opening	Yes
insulation voltage rated value	400 V
degree of pollution	3
surge voltage resistance rated value	4 kV
protection class IP	IP67
shock resistance	
• according to IEC 60068-2-27	30g / 11 ms
vibration resistance according to IEC 60068-2-6	0.35 mm/5g
mechanical service life (operating cycles) typical	10 000 000
electrical endurance (operating cycles) at AC-15 at 230 V typical	100 000
thermal current	10 A
material of the enclosure of the switch head	metal
reference code according to IEC 81346-2	B
active principle	mechanical
repeat accuracy	0.05 mm
Substance Prohibitance (Date)	07/01/2006
minimum actuating force in directions of actuation	20 N
length of the sensor	60 mm
width of the sensor	30 mm
Ambient conditions	
ambient temperature	
• during operation	-25 ... +85 °C
• during storage	-25 ... +85 °C
explosion protection category for dust	none
design of the switching contact	mechanical
operating frequency rated value	50 ... 60 Hz
number of NC contacts for auxiliary contacts	1
number of NO contacts for auxiliary contacts	1
operational current at AC-15	
• at 125 V rated value	6 A
• at 230 V rated value	3 A
operational current at DC-13	
• at 125 V rated value	0.55 A
• at 230 V rated value	0.27 A

Enclosure		
design of the housing	block	
material of the enclosure	metal	
coating of the enclosure	painted	
design of the housing according to standard	No	
material of cable sheath	PVC	
Drive Head		
design of the actuating element	rounded plunger	
shape of the switch head	rounded	
design of the switching function	snap-action contact	
circuit principle	snap-action contacts	
number of switching contacts safety-related	1	
Installation/ mounting/ dimensions		
mounting position	any	
fastening method	screw fixing	
Connections/ Terminals		
type of electrical connection	cable, 5 x 0.75mm²	
design of the interface for safety-related communication	without	
Communication/ Protocol		
design of the interface	without	
Certificates/ approvals		
General Product Approval	Declaration of Conformity	other

[Confirmation](#)



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Further information

Siemens has decided to exit the Russian market (see here).

<https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business>

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

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

<https://www.siemens.com/ic10>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SE5413-0CC20-1EA5>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE5413-0CC20-1EA5>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SE5413-0CC20-1EA5>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE5413-0CC20-1EA5&lang=en



