



Position switch plastic, Compact design according to EN 50047 with rounded plunger, 1x M20 x 1.5 (Teflon plunger) Short stroke, integrated, 1 NO+1 NC, customized, Cover black

product brand name	SIRIUS
product designation	Mechanical position switches
product type designation	3SE5
manufacturer's article number of the supplied basic switch	3SE5532-0FC05
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	6 kV
protection class IP	IP66, 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	15 000 000
electrical endurance (operating cycles) at AC-15 at 230 V typical	100 000
thermal current	10 A
reference code according to IEC 81346-2	B
continuous current of the C characteristic MCB	1 A
continuous current of the quick DIAZED fuse link	10 A
continuous current of the DIAZED fuse link gG	6 A
repeat accuracy	0.05 mm
Substance Prohibitance (Date)	07/01/2006
minimum actuating force in directions of actuation	20 N
length of the sensor	70.5 mm
width of the sensor	31 mm
Ambient conditions	
ambient temperature	
• during operation	-25 ... +85 °C
• during storage	-40 ... +90 °C
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 24 V rated value	6 A
• at 125 V rated value	6 A
• at 230 V rated value	6 A
operational current at DC-13	
• at 24 V rated value	3 A

<ul style="list-style-type: none">• at 125 V rated value• at 230 V rated value	0.55 A	
	0.27 A	
Enclosure		
design of the housing	block, narrow	
material of the enclosure	plastic	
coating of the enclosure	Other types	
design of the housing according to standard	Yes	
Actuator		
design of the actuating element	Rounded plunger, Teflon plunger	
Contact		
circuit principle	snap-action contacts	
design of the switching function	positive opening, short-stroke, integrated	
number of switching contacts safety-related	1	
cable entry type	1x (M20 x 1.5)	
Installation/ mounting/ dimensions		
mounting position	any	
fastening method	screw fixing	
Connections/ Terminals		
type of electrical connection	screw-type terminals	
type of connectable conductor cross-sections		
<ul style="list-style-type: none">• solid	1x (0.5 ... 1.5 mm²), 2x (0.5 ... 0.75 mm²)	
<ul style="list-style-type: none">• finely stranded with core end processing	1x (0.5 ... 1.5 mm²), 2x (0.5 ... 0.75 mm²)	
<ul style="list-style-type: none">• for AWG cables solid	1x (20 ... 16), 2x (20 ... 18)	
<ul style="list-style-type: none">• for AWG cables stranded	1x (20 ... 16), 2x (20 ... 18)	
Communication/ Protocol		
design of the interface	without	
Certificates/ approvals		
General Product Approval	Functional Safety/Safety of Machinery	other



[Confirmation](#)



[Type Examination Certificate](#)

[Confirmation](#)

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=3SE5532-0FC05-1AM0>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE5532-0FC05-1AM0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SE5532-0FC05-1AM0>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE5532-0FC05-1AM0&lang=en

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