



SIRIUS 3SE5 position switch plastic, service box, TANOS box filled with: 3x basic position switch, width 31 mm, 40 mm, 50 mm: 3SE5232-0CC05, 3SE5132-0CA00, 3SE5242-0CC05, 19 different actuator heads, accessory: M12 plug 4-pole, 3SY3127, yellow cover with LED, 3SE5230-1AA00-1AG0 for 31 mm, including SIRIUS 3SE brochure German/English

product brand name	SIRIUS
product designation	Service box
design of the product	3SE5232-0CC05, 3SE5132-0CA00, 3SE5242-0CC05, 3SE5000-0BA00, 3SE5000-0LA00, 3SE5230-1AA00-1AG0, 3SE5000-0AC30, 3SE5000-0AE10, 3SE5000-0AF10, 3SE5000-0AD03, 3SE5000-0AD04, 3SE5000-0AR01, 3SE5000-0AH00, 3SE5000-0AK00, 3SE5000-0AA21, 3SE5000-0AA60, 3SE5000-0AA50, 3SE5000-0AA80, 3SE5000-0AB01, 3SE5000-0AE05, 3SE5000-0AD06, 3SY3127
product type designation	3SE5
manufacturer's article number	
• of the supplied basic switch	3SE5232-0CC05
• of the supplied switching contacts	3SE5000-0CA00
• of the supplied empty enclosure with cover	3SE5232-0AC05
suitability for use safety switch	Yes
General technical data	
product function positive opening	Yes
insulation voltage rated value	400 V
degree of pollution	class 3
surge voltage resistance rated value	6 kV
protection class IP	IP65
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
material of the enclosure of the switch head	plastic
reference code according to IEC 81346-2	B
continuous current of the C characteristic MCB	1 A; for a short-circuit current smaller than 400 A
continuous current of the quick DIAZED fuse link	10 A; for a short-circuit current smaller than 400 A
continuous current of the DIAZED fuse link gG	6 A
active principle	mechanical
repeat accuracy	0.05 mm
Substance Prohibitance (Date)	07/01/2006
SVHC substance name	Imidazolidine-2-thione (2-imidazoline-2-thiol) - 96-45-7
Weight	1.175 kg
minimum actuating force in directions of actuation	20 N
length of the sensor	75.7 mm
width of the sensor	31 mm

Ambient conditions			
ambient temperature	during operation -25 ... +85 °C		
			during storage -40 ... +90 °C
explosion protection category for dust	none		
Main circuit			
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 120 V rated value 6 A
			at 240 V rated value 6 A
			at 400 V rated value 4 A
operational current at DC-13	at 24 V rated value 3 A		
			at 125 V rated value 0.55 A
			at 250 V rated value 0.27 A
			at 400 V rated value 0.12 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		
Drive Head			
design of the actuating element	Rounded plunger, plastic plunger		
standard-compliant actuator head	EN 50047, design B		
shape of the switch head	rounded		
design of the switching function	positive opening		
circuit principle	snap-action contacts		
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 terminal		
type of connectable conductor cross-sections	solid 1x (0.5 ... 1.5 mm²), 2x (0.5 ... 0.75 mm²)		
			finely stranded with core end processing 1x (0.5 ... 1.5 mm²), 2x (0.5 ... 0.75 mm²)
			for AWG cables solid 1x (20 ... 16), 2x (20 ... 18)
			for AWG cables stranded 1x (20 ... 16), 2x (20 ... 18)
design of the interface for safety-related communication	without		
Communication/ Protocol			
design of the interface	without		
Approvals Certificates			
General Product Approval	other	Environment	



[Confirmation](#)

[Environmental Confirmations](#)

Further information

Information on the packaging

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

Information for data generation and storage

<https://support.industry.siemens.com/cs/ww/en/view/109995012>

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=3SX5110-0BK>

Cax online generator

<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SX5110-0BK>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SX5110-0BK>

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

https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SX5110-0BK&lang=en

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