SIEMENS

Data sheet 3SE5250-0CC05



Position switch Plastic enclosure open type 30 mm 1 NO/1 NC quick action contacts Metal plunger, IP20 $\,$

product brand name	SIRIUS		
product designation	Open-type position switches		
product type designation	3SE5		
manufacturer's article number			
 of the supplied switching contacts 	3SE5000-0CA00		
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	IP20, conductor connected and clamping screw screwed in		
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		
• note	1000000 at 30° angle of approach		
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	В		
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		
minimum actuating force in directions of actuation	20 N		
length of the sensor	59.2 mm		
width of the sensor	30 mm		
Ambient conditions			
ambient temperature			
 during operation 	-25 +85 °C		
during storage	-40 +90 °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 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			
material of the enclosure	plastic, open-type		
coating of the enclosure	Other types		
design of the housing according to standard	No		
Drive Head			
design of the actuating element	Rounded plunger, metal 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		
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			
• 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		
Certificates/ approvals			

General Product Approval







Confirmation





General Product Approval

Test Certificates

other

<u>KC</u>



Type Test Certificates/Test Report

Confirmation

Information on the packaging

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

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

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SE5250-0CC05

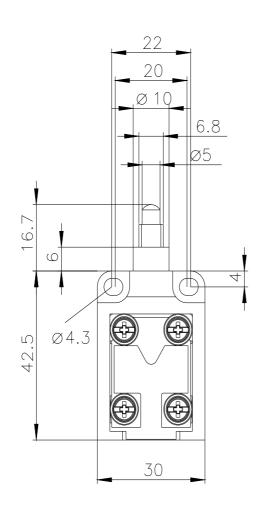
Cax online generator

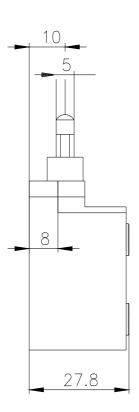
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE5250-0CC05

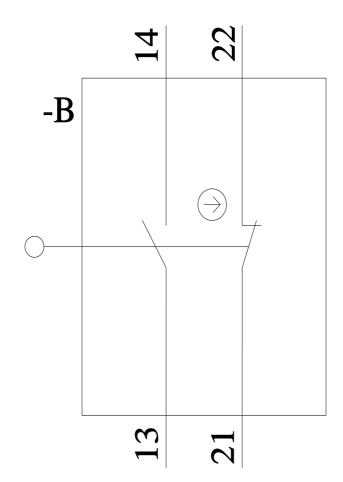
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE5250-0CC05&lang=en







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3SE5 Page)CC(05