SIEMENS

Data sheet

3SE5242-0PC05



position switch plastic enclosure, 50 mm device connection 2x (M20x 1.5) 2 NO/NC slow-action contacts rounded plunger, form B

product type designation 3SE5 manufacturer's article number - • of the supplied switching contacts 3SE55 • of the supplied empty enclosure with cover 3SE55 suitability for use safety switch Yes General technical data Yes	S anical position switches 000-0PA00 242-0AC05	
product type designation 3SE5 manufacturer's article number 3SE5 • of the supplied switching contacts 3SE55 • of the supplied empty enclosure with cover 3SE55 suitability for use safety switch Yes General technical data Yes	000-0PA00	
manufacturer's article number 3SE50 • of the supplied switching contacts 3SE50 • of the supplied empty enclosure with cover 3SE50 suitability for use safety switch Yes General technical data Yes		
of the supplied switching contacts of the supplied empty enclosure with cover suitability for use safety switch Yes General technical data product function positive opening Yes		
of the supplied empty enclosure with cover <u>3SE52</u> suitability for use safety switch Yes General technical data product function positive opening Yes		
suitability for use safety switch Yes General technical data	2 <u>42-0AC05</u>	
General technical data product function positive opening Yes		
product function positive opening Yes		
insulation voltage rated value 250 V		
degree of pollution class 3	3	
surge voltage resistance rated value 4 kV		
protection class IP IP66/I	P67	
shock resistance		
• according to IEC 60068-2-27 30g /	11 ms	
vibration resistance		
• according to IEC 60068-2-6 0.35 n	nm/5g	
mechanical service life (operating cycles) typical 15 000	000	
electrical endurance (operating cycles) at AC-15 at 230 V 100 00 typical	00	
thermal current 10 A		
material of the enclosure of the switch head plastic	plastic	
reference code according to IEC 81346-2 B		
continuous current of the C characteristic MCB 1 A; for	1 A; for a short-circuit current smaller than 400 A	
continuous current of the quick DIAZED fuse link 10 A;	10 A; for a short-circuit current smaller than 400 A	
continuous current of the DIAZED fuse link gG 6 A	6 A	
active principle mecha	mechanical	
repeat accuracy 0.05 n	ım	
Substance Prohibitance (Date) 07/01/	07/01/2006	
SVHC substance name Imidaz	zolidin-2-thion - 96-45-7	
minimum actuating force in directions of actuation 20 N		
length of the sensor 60.7 n	ım	
width of the sensor 50 mm	1	
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 mecha	anical	
operating frequency rated value 50 6	60 Hz	

number of NO contacts for auxiliary contacts 2 operational current at AC-15 6 A - al 24 V rated value 0 A - al 24 V rated value 0 A - al 250 V rated value 0 D27 A - al 260 V rated value 0 D27 A - al 260 V rated value 0 D27 A - al 260 V rated value 0 D27 A - al 260 V rated value 0 D27 A - al 260 V rated value 0 D27 A - al 260 V rated value 0 D27 A - al 260 V rated value 0 D27 A - al 260 V rated value 0 D27 A - al 260 V rated value 0 D27 A - al 260 V rated value 0 D27 A - al 260 V rated value 0 D27 A - al 260 V rated value 0 D27 A - al 260 V rated value 0 D27 A - colonaristic peratement of the mousing acourreing to standard compliance peratement of the mole peratement	number of NC contacts for auxiliary contacts	1			
• #124 Vrated value 6 A • 1230 Vrated value 6 A • 1240 Vrated value 6 A • 1250 Vrated value 0.55 A • 1250 Vrated value 0.55 A • 1250 Vrated value 0.55 A • 1250 Vrated value 0.12 A Enclosure 0.000 Vrated value • 0100 Vrated value 0.12 A Enclosure 0.000 Vrated value • 0120 Vrated value 0.12 A Enclosure 0.000 Vrated value • 0120 Vrated value 0.12 A Enclosure 0.000 Vrated value • 0120 Vrated value 0.12 A Enclosure 0.000 Vrated value • 0120 Vrated value 0.12 A Enclosure 0.000 Vrated value • 0140 Vrated value 0.000 Vrated value	number of NO contacts for auxiliary contacts	2	2		
 a 120 V rated value A operative value A operative value A operative value A operative value A operative value DSS	operational current at AC-15				
• a1 240 V rated value 6 A • a1 400 V rated value 4 A Operational current at DC-13 3 A • a1 24 V rated value 0.55 A • a1 25 V rated value 0.27 A • a1 250 V rated value 0.27 A <td>• at 24 V rated value</td> <td>6 A</td> <td colspan="2">6 A</td>	• at 24 V rated value	6 A	6 A		
• at 400 V rated value 4 A operational current at DC-13 3 • at 125 V rated value 0.55 A • at 250 V rated value 0.55 A • at 260 V rated value 0.27 A • at 200 V rated value 0.20 V rated value • at 200 V rated value 0.20 V rated value • at 200 V rated value 0.20 V rated value • at	• at 120 V rated value	6 A	6 A		
operational current at DC-13 3 A at 24 V rated value 3 A 5 S A A A A A A A A A A A A A A A A A A	• at 240 V rated value	6 A	6 A		
• at 24 V rated value 3 A • at 25 V raded value 0.55 A • at 25 V raded value 0.55 A • at 25 V raded value 0.27 A • at 26 V raded value 0.12 A Enclosure 0.12 A Enclosure plastic costing of the enclosure plastic costing of the enclosure 0 Other types design of the housing according to standard No Drave Heat Control of the enclosure design of the housing according to standard No Drave Heat Control of the enclosure design of the housing according to standard Rounded plunger, plastic plunger standard-compliant actuator head EN 50047, design B standard-compliant actuator head EN 50047, design B shape of the switching contacts safety-related 1 circuit principle slow-action contacts number of switching contacts safety-related 1 Contenctable conductor cross-sections screw form Contenctable conductor cross-sections screw form) i for AVG cables solid tx (0.5 0.75 mm²) i for AVG cables solid tx (0.5 0.57 mm²) i for AVG cables solid tx (0.5 0.75 mm²) i for AVG cables solid tx (0.5 0.75 mm²)	• at 400 V rated value	4 A			
• at 125 V rated value 0.55 Å • at 250 V rated value 0.27 Å • at 260 V rated value 0.05 Å • at 260 V rated value 0.05 Å • at 260 V rated value 0.05 Å • at 260 V rated value 0 bock, wide • at 260 V rated value 0 bock, wide • at 260 V rated value 0 bock, wide • at 260 V rated value 0 bock, wide • at 260 V rated value 0 bock, wide • at 260 V rated value 0 bock, wide • at 260 V rated value 0 bock, wide • at 260 V rated value 0 bock, wide • at 260 V rated value 0 bock, wide • at 260 V rated value 0 bock, wide • at 260 V rated value 0 bock, wide • at 260 V rated value 0 bock, wide • at 260 V rated value 0 bock, wide • at 260 V rated value 0 bock, wide opening • at 260 V rated value 0 bock, wide opening • at 260 V rated value 0 rate • at 2	operational current at DC-13				
• at 250 V rated value 0.27 A • at 400 V rated value 0.12 A design of the housing block, wide material of the enclosure plastic coating of the enclosure plastic design of the housing according to standard No Other types design of the actuating element Rounded plunger, plastic plunger standard-compliant actuator head EN 80047, design B shape of the switching function positive opening drive thead rounded muber of switching contacts safely-related 1 cable entry type 2x (M20 x 1.5) Testening method screw-type terminals To find switching function prover lead 1x (0.5 1.5 mm²), 2x (0.5 0.75 mm²) in (by stranded with core end processing 1x (0.5 1.5 mm²), 2x (0.5 0.75 mm²) i or AWG cables stranded 1x (0.5 1.5 mm²), 2x (0.5 0.75 mm²) i or AWG cables stranded 1x (0.5 1.5 mm²), 2x (0.5 0.75 mm²) i or AWG cables stranded 1x (0.5 1.5 mm²), 2x (0.5 0.75 mm²) i or AWG cables stranded 1x (0.5 1.5 mm²), 2x (0.5 0.75 mm²) i or AWG cables stranded 1x (0.5 1.5 mm²), 2x (0.5 0.75 mm²) i or AWG cables stranded 1x (0.5 1.5 mm²), 2x (0.5 0.75 mm²)	at 24 V rated value	3 A	3 A		
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EFFIC Type Examination Cer- tificate Type Test Certific- ates/Test Report Confirmation		ortificatos othor			
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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=3SE5242-0PC05

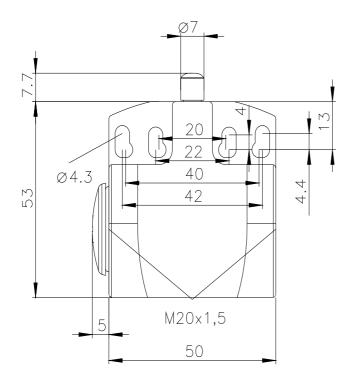
Cax online generator

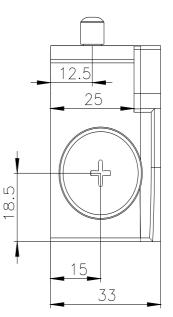
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE5242-0PC05

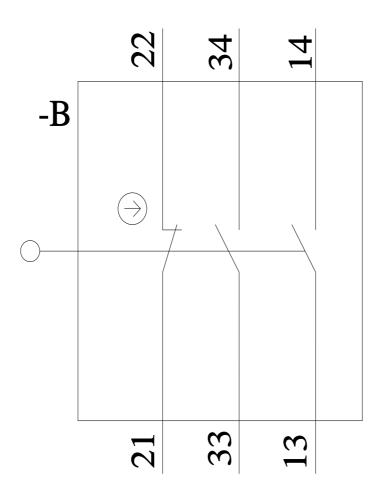
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

https://supp t.industry.siemens.com/cs/ww/en/ps/3SE5242-0PC

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE5242-0PC05&lang=en







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