SIEMENS

Data sheet 3SE5122-0PH01



Position switch Metal enclosure 56 mm wide Device connection $3x \, (M20x \, 1.5) \, 2 \, NO/1 \, NC$ slow-action contacts Rotary actuator right/left adjustable, with metal lever 27 mm long and plastic roller 19 mm

product type designation product type designation 3SE5 **The supplied part of the supplied basic switch of the supplied basic switch of the supplied designation switches of the supplied designation switches of the supplied designation switches of the supplied orating lever of the supplied switching contacts of the supplied dempty enclosure with cover suitability for use safety switch of the supplied person such that the safety switch of the supplied opening was safety switch of the supplied opening yes safety switch of the supplied opening yes safety switch orating to the switch orating to the safety	product brand name	SIRIUS
manufacturer's article number of the supplied basic switch of the supplied debasic switch of the supplied operating lever of the supplied switching contacts of the supplied mpty enclosure with cover suitability for use safety switch Yes General technical data product function positive opening insulation voltage rated value 250 V degree of pollution class 3 surge voltage resistance rated value 4 kV protection class IP shock resistance according to IEC 60068-2-27 30g / 11 ms vibration resistance according to IEC 60068-2-6 mechanical service life (operating cycles) typical electrical endurance (operating cycles) at AC-15 at 230 V typical thermal current 10 A material of the enclosure of the switch head plastic reference code according to IEC 81348-2 B continuous current of the C characteristic MCB 1 A; for a short-circuit current smaller than 400 A continuous current of the DIAZED fuse link gG active principle mechanical repeat accuracy 0.05 mm Substance Prohibitance (Date) minimum actuating torque in directions of actuation length of the sensor Ambient conditions ambient temperature during operation during storage explosion protection category for dust	product designation	Mechanical position switches
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of the supplied switching contacts of the supplied empty enclosure with cover suitability for use safety switch Yes Ceneral technical data product function positive opening Yes Insulation voltage rated value degree of pollution class 3 surge voltage resistance rated value 4 kV protection class IP shock resistance • according to IEC 60068-2-7 vibration resistance according to IEC 60068-2-6 mechanical service life (operating cycles) typical thermal current material of the enclosure of the switch head plastic reference code according to IEC 81346-2 southnous current of the C characteristic MCB continuous current of the C characteristic MCB continuous current of the DIAZED fuse link gG active principle repeat accuracy Substance Prohibitance (Date) inding the sensor width of the sensor width of the sensor during operation • during operation • during operation • during operation • during storage	 of the supplied actuator head for position switches 	3SE5000-0AH00
of the supplied empty enclosure with cover suitability for use safety switch Pes product function positive opening	 of the supplied operating lever 	3SE5000-0AA01
suitability for use safety switch General technical data product function positive opening insulation voltage rated value degree of pollution class 3 surge voltage resistance rated value 4 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 mechanical service life (operating cycles) typical electrical endurance (operating cycles) typical thermal current 10 A material of the enclosure of the switch head reference code according to IEC 81346-2 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 quick DIAZED fuse link 10 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 quick DIAZED fuse link 10 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 quick DIAZED fuse link 10 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 quick DIAZED fuse link 10 A; for a short-circuit current smaller than 400 A continuous current of the sensor 10 A mechanical 11 A; for a short-circuit current smaller than 400 A continuous current of the sensor 12 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 quick DIAZED fuse link 10 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 quick DIAZED fuse link 10 A; for a short-circuit current smaller than 400 A	 of the supplied switching contacts 	3SE5000-0PA00
General technical data product function positive opening insulation voltage rated value degree of pollution class 3 surge voltage resistance rated value 4 kV protection class IP shock resistance a according to IEC 60068-2-27 vibration resistance according to IEC 60068-2-6 electrical endurance (operating cycles) typical electrical endurance (operating cycles) typical thermal current material of the enclosure of the switch head reference code according to IEC 81346-2 continuous current of the C characteristic MCB continuous current of the Quick DIAZED fuse link continuous current of the DIAZED fuse link gG active principle repeat accuracy 0.05 mm Substance Prohibitance (Date) minimum actuating torque in directions of actuation length of the sensor width of the sensor yellow in the substance ambient conditions ambient conditions ambient temperature e during operation e during storage 250 V desired 250 V desired 250 V desired 250 V desired 260 V desired 260 V 40 +90 °C explosion protection category for dust	 of the supplied empty enclosure with cover 	3SE5122-0AA00
product function positive opening Yes insulation voltage rated value 250 V degree of pollution class 3 surge voltage resistance rated value 4 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 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 DIAZED fuse link G 6 A active principle mechanical repeat accuracy 0.05 mm Substance Prohibitance (Date) 07/01/2006 minimum actuating torque in directions of actuation 0.25 Nm width of the sensor 56 mm Ambient conditions ambient temperature e during operation -25 +85 °C evaplosion protection category for dust	suitability for use safety switch	Yes
Insulation voltage rated value degree of pollution class 3 surge voltage resistance rated value protection class IP IP66/IP67 shock resistance • according to IEC 60068-2-27 vibration resistance according to IEC 60068-2-6 mechanical service life (operating cycles) typical electrical endurance (operating cycles) at AC-15 at 230 V typical 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 G 6 A active principle mechanical repeat accuracy 0.05 mm Substance Prohibitance (Date) minimum actuating torque in directions of actuation length of the sensor 4 Diazer Short 127.5 mm width of the sensor Ambient conditions ambient temperature e during operation e during storage 4 M +90 °C explosion protection category for dust	General technical data	
degree of pollution surge voltage resistance rated value 4 kV protection class IP shock resistance • according to IEC 60068-2-27 vibration resistance according to IEC 60068-2-6 mechanical service life (operating cycles) typical electrical endurance (operating cycles) at AC-15 at 230 V typical thermal current 10 A material of the enclosure of the switch head plastic reference code according to IEC 81346-2 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 continuous current of the DIAZED fuse link yG active principle mechanical repeat accuracy 0.05 mm Substance Prohibitance (Date) minimum actuating torque in directions of actuation length of the sensor 4 minimum actuating torque in directions of actuation length of the sensor 4 minimum actuating torque in directions ambient temperature • during operation • during storage • 40 +90 °C explosion protection category for dust	product function positive opening	Yes
surge voltage resistance rated value protection class IP shock resistance • according to IEC 60068-2-27 vibration resistance according to IEC 60068-2-6 mechanical service life (operating cycles) typical electrical endurance (operating cycles) at AC-15 at 230 V typical thermal current material of the enclosure of the switch head 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 puick DIAZED fuse link 10 A; for a short-circuit current smaller than 400 A continuous current of the DIAZED fuse link QG active principle mechanical repeat accuracy 0.05 mm Substance Prohibitance (Date) minimum actuating torque in directions of actuation length of the sensor width of the sensor 427.5 mm width of the sensor 40 uring operation -25 +85 °C -40 +90 °C explosion protection category for dust	insulation voltage rated value	250 V
protection class IP shock resistance • according to IEC 60068-2-27 vibration resistance according to IEC 60068-2-6 mechanical service life (operating cycles) typical electrical endurance (operating cycles) at AC-15 at 230 V typical thermal current material of the enclosure of the switch head reference code according to IEC 81346-2 continuous current of the C characteristic MCB continuous current of the quick DIAZED fuse link continuous current of the DIAZED fuse link continuous current of the DIAZED fuse link gG active principle repeat accuracy Substance Prohibitance (Date) minimum actuating torque in directions of actuation length of the sensor width of the sensor 4 during operation • during storage explosion protection category for dust	degree of pollution	class 3
shock resistance	surge voltage resistance rated value	4 kV
according to IEC 60068-2-27 vibration resistance according to IEC 60068-2-6 mechanical service life (operating cycles) typical electrical endurance (operating cycles) at AC-15 at 230 V typical thermal current thermal current	protection class IP	IP66/IP67
vibration resistance according to IEC 60068-2-6 mechanical service life (operating cycles) typical electrical endurance (operating cycles) at AC-15 at 230 V typical 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 repeat accuracy 0.05 mm Substance Prohibitance (Date) minimum actuating torque in directions of actuation 0.25 N·m length of the sensor width of the sensor 40 during operation -25 +85 °C - during storage explosion protection category for dust	shock resistance	
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thermal current material of the enclosure of the switch head reference code according to IEC 81346-2 continuous current of the C characteristic MCB continuous current of the quick DIAZED fuse link continuous current of the plazed fuse link continuous current of the DIAZED fuse link continuous current of the DIAZED fuse link gG active principle repeat accuracy 3.05 mm Substance Prohibitance (Date) minimum actuating torque in directions of actuation length of the sensor width of the sensor width of the sensor ambient conditions ambient temperature • during operation • during storage explosion protection category for dust 10 A plastic plasti	mechanical service life (operating cycles) typical	15 000 000
material of the enclosure of the switch head 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 continuous current of the DIAZED fuse link gG active principle mechanical repeat accuracy 0.05 mm Substance Prohibitance (Date) minimum actuating torque in directions of actuation length of the sensor ilength of the sensor Ambient conditions ambient temperature during operation during storage explosion protection category for dust		100 000
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continuous current of the C characteristic MCB continuous current of the quick DIAZED fuse link continuous current of the quick DIAZED fuse link continuous current of the DIAZED fuse link gG active principle mechanical repeat accuracy 0.05 mm Substance Prohibitance (Date) minimum actuating torque in directions of actuation length of the sensor width of the sensor 427.5 mm width of the sensor 4mbient conditions ambient temperature during operation -25 +85 °C -40 +90 °C explosion protection category for dust	material of the enclosure of the switch head	plastic
continuous current of the quick DIAZED fuse link continuous current of the DIAZED fuse link gG active principle mechanical repeat accuracy 0.05 mm Substance Prohibitance (Date) minimum actuating torque in directions of actuation length of the sensor width of the sensor ambient conditions ambient temperature during operation -25 +85 °C -40 +90 °C explosion protection category for dust 10 A; for a short-circuit current smaller than 400 A 6 A 10 A; for a short-circuit current smaller than 400 A 6 A 6 A 6 A 6 A 10 A; for a short-circuit current smaller than 400 A 6 A 6 A 6 A 6 A 6 A 6 A 6 A	reference code according to IEC 81346-2	В
continuous current of the DIAZED fuse link gG active principle mechanical repeat accuracy 0.05 mm Substance Prohibitance (Date) 07/01/2006 minimum actuating torque in directions of actuation 0.25 N·m length of the sensor 127.5 mm width of the sensor 56 mm Ambient conditions ambient temperature • during operation -25 +85 °C • during storage -40 +90 °C explosion protection category for dust	continuous current of the C characteristic MCB	1 A; for a short-circuit current smaller than 400 A
active principle mechanical repeat accuracy 0.05 mm Substance Prohibitance (Date) 07/01/2006 minimum actuating torque in directions of actuation 0.25 N·m length of the sensor 127.5 mm width of the sensor 56 mm Ambient conditions ambient temperature	continuous current of the quick DIAZED fuse link	10 A; for a short-circuit current smaller than 400 A
repeat accuracy Substance Prohibitance (Date) minimum actuating torque in directions of actuation length of the sensor width of the sensor Ambient conditions ambient temperature o during operation output during storage explosion protection category for dust 0.05 mm 0.25 N·m 127.5 mm 56 mm -25 +85 °C -40 +90 °C explosion protection category for dust	continuous current of the DIAZED fuse link gG	6 A
Substance Prohibitance (Date) minimum actuating torque in directions of actuation length of the sensor width of the sensor Ambient conditions ambient temperature o during operation during storage explosion protection category for dust 0.25 N·m 127.5 mm 56 mm -25 +85 °C -40 +90 °C explosion protection category for dust	active principle	mechanical
minimum actuating torque in directions of actuation length of the sensor 127.5 mm width of the sensor 56 mm Ambient conditions ambient temperature • during operation • during storage explosion protection category for dust 0.25 N·m 127.5 mm 56 mm -25 +85 °C -40 +90 °C explosion protection category for dust	repeat accuracy	0.05 mm
length of the sensor width of the sensor 56 mm Ambient conditions ambient temperature • during operation • during storage explosion protection category for dust 127.5 mm 56 mm -25 +85 °C -40 +90 °C explosion protection category for dust	Substance Prohibitance (Date)	07/01/2006
width of the sensor Ambient conditions ambient temperature • during operation • during storage • during storage explosion protection category for dust • one	minimum actuating torque in directions of actuation	0.25 N·m
Ambient conditions ambient temperature • during operation • during storage • during storage -40 +90 °C explosion protection category for dust	length of the sensor	127.5 mm
ambient temperature ● during operation -25 +85 °C ● during storage -40 +90 °C explosion protection category for dust none	width of the sensor	56 mm
 during operation -25 +85 °C during storage -40 +90 °C explosion protection category for dust none 	Ambient conditions	
● during storage -40 +90 °C explosion protection category for dust none	ambient temperature	
explosion protection category for dust none	during operation	-25 +85 °C
	during storage	-40 +90 °C
design of the switching contact mechanical	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	2			
operational current at AC-15				
at 24 V rated value	6 A			
at 125 V rated value	6 A			
at 240 V rated value				
at 400 V rated value at 400 V rated value	6 A 4 A			
	4 A			
operational current at DC-13	2.4			
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, wide		
material of the enclosure	metal			
coating of the enclosure	cathodic dip coating			
design of the housing according to standard	No	No		
Drive Head				
design of the actuating element	Twist lever, metal lever, 27 mm long, step 9 mm, plastic	Twist lever, metal lever, 27 mm long, step 9 mm, plastic roller 19 mm		
standard-compliant actuator head	EN 50041, design A			
shape of the switch head	roller			
design of the switching function	positive opening			
circuit principle	slow-action contacts			
number of switching contacts safety-related	1			
cable entry type	3x (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				
• 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		Functional Safety/Safety of Ma- chinery		



Confirmation







Type Examination Certificate

Declaration of Conformity

Test Certificates

other



Type Test Certificates/Test Report

Confirmation

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=3SE5122-0PH01

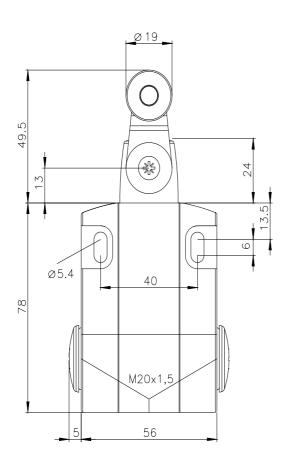
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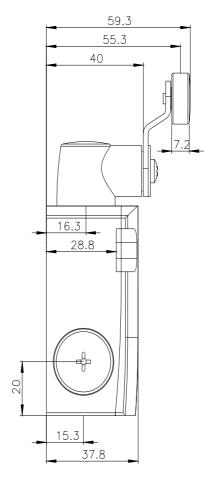
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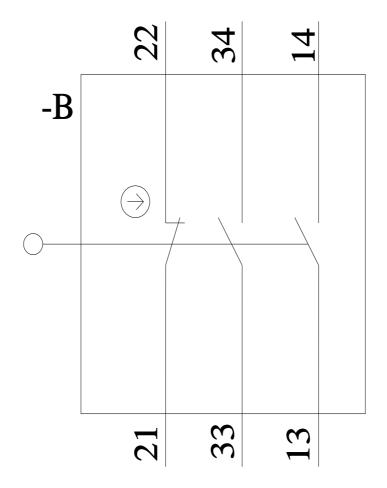
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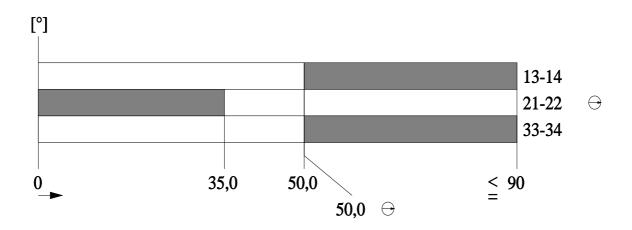
https://support.industry.siemens.com/cs/ww/en/ps/3SE5122-0PH01

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE5122-0PH01&lang=en









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