SIEMENS

Data sheet

3SE5112-0CH62-1AJ0



Position switch Metal enclosure 40 mm according to EN 50041 Device connection 1x (M20 x 1.5) 1 NO/1 NC quick action contacts Rotary actuator right/left adjustable with adjustable-length stainless steel lever 100 mm long and with positive fit (grid hole) and plastic roller 19 mm functional at -40 $^{\circ}\text{C}$ Shock and vibration test according to EN 61373, Category 1B

product brand name	SIRIUS
product designation	Mechanical position switches
product type designation	3SE5
manufacturer's article number	
of the supplied basic switch	3SE5112-0CA00-1AJ0
of the supplied actuator head for position switches	3SE5000-0AH00-1AJ0
of the supplied operating lever	3SE5000-0AA62-1AJ0
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	IP66/IP67
shock resistance	
• according to IEC 60068-2-27	30g / 11 ms
 for railway applications according to EN 61373 	Category 1, Class B
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	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 torque in directions of actuation	0.25 N·m
length of the sensor	192 mm
width of the sensor	40 mm
Ambient conditions	
ambient temperature	
during operation	-40 +85 °C
during storage	
	-40 +90 °C
explosion protection category for dust	-40 +90 °C none

operating frequency rated value 5060 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 126 V rated value 4 AA operational current at DC-13 • at 24 V rated value 4 AA operational current at DC-13 • at 24 V rated value 9.55 A • at 250 V rated value 0.55 A • at 250 V rated value 0.27 A • at 250 V rated value 0.12 A Enclosure design of the housing block, narrow metal contacts of the enclosure metal of the enclosure 20 cathodic dip coating design of the nousing according to standard 7 yes Prove Nead 4 Prove Nead 4 Prove Nead 4 Prove Nead 5 Prove Nead 6 Prove Nead 7 Prove Nead 8 Prove Nead 8 Prove Nead 8 Prove Nead 9 Prove Nead	anausting funguianou rated value	50 60 Hz
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at 240 V rated value		
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Communication/ Protocol design of the interface without	for AWG cables stranded	1x (20 16), 2x (20 18)
design of the interface without	design of the interface for safety-related communication	without
•	Communication/ Protocol	
Certificates/ approvals	design of the interface	without
	Certificates/ approvals	

General Product Approval









Confirmation



General Product Approval

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=3SE5112-0CH62-1AJ0

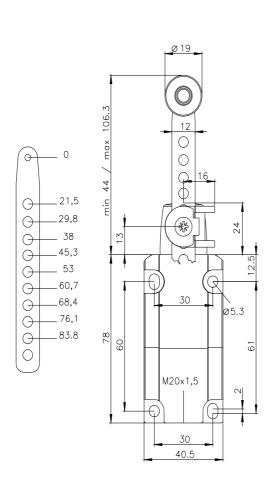
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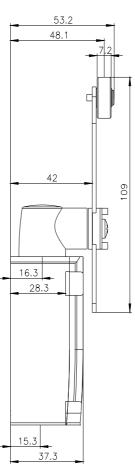
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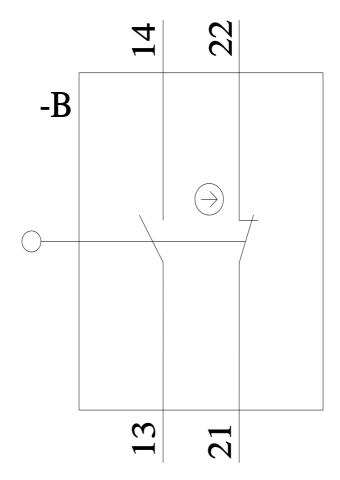
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

https://support.industry.siemens.com/cs/ww/en/ps/3SE5112-0CH62-1AJ0

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE5112-0CH62-1AJ0&lang=en







last modified: 1/26/2022 🖸