SIEMENS

Data sheet

3SE5112-0BH01



Position switch Metal enclosure 40 mm Twist lever, according to EN 50041 Device connection 1 x (M20 x 1.5) 1 NO/1 NC slow-action contacts Rotary actuator right/left adjustable, Metal lever 27 mm long and plastic roller 19 mm

	SIRIUS
product designation	Mechanical position switches
product type designation	3SE5
manufacturer's article number	
of the supplied basic switch	<u>3SE5112-0BA00</u>
 of the supplied actuator head for position switches 	<u>3SE5000-0AH00</u>
 of the supplied operating lever 	<u>3SE5000-0AA01</u>
 of the supplied switching contacts 	<u>3SE5000-0BA00</u>
 of the supplied empty enclosure with cover 	<u>3SE5112-0AA00</u>
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
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	127.5 mm
width of the sensor	40 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 125 V rated value	6 A
at 240 V rated value	6 A
at 400 V rated value	4 A
operational current at DC-13	2.4
at 24 V rated value	3 A 0.55 A
at 125 V rated value	
at 250 V rated value	0.27 A
at 400 V rated value Enclosure	0.12 A
	black parrow
design of the housing	block, narrow
material of the enclosure	metal
coating of the enclosure	cathodic dip coating
design of the housing according to standard	Yes
Drive Head	
design of the actuating element	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	1x (M20 x 1.5)
Installation/ mounting/ dimensions	
mounting position	any
fastening method	screw fixing
Connections/ Terminals	acrow true torreinale
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 solid for AWG cables stranded 	1x (20 16), 2x (20 16) 1x (20 16), 2x (20 18)
design of the interface for safety-related communication	without
Communication/ Protocol	Without
	without
design of the interface	without
Certificates/ approvals	Functional
General Product Approval	Safety/Safety of Ma- chinery
	ERIC Type Examination Cer-
CSA CC Declaration of Conformity Test Certin	ificates other
UK (f Type Test attes/Test	st Certific- Confirmation st Report
EG-Konf.	
Further information	
Siemens has decided to exit the Russian market (see here	

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=3SE5112-0BH01

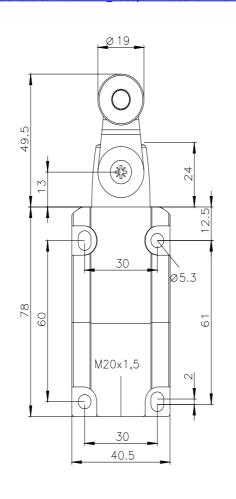
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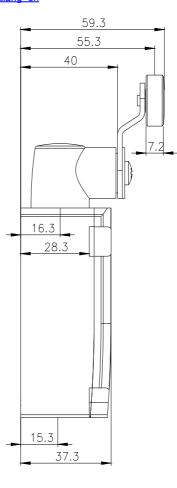
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE5112-0BH01

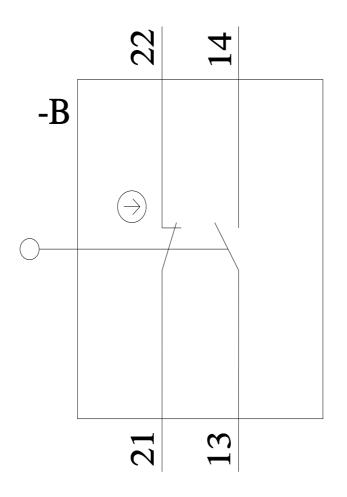
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

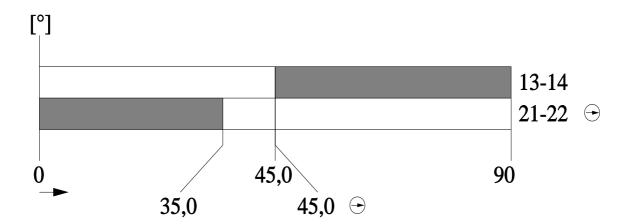
https://support.industry.siemens.com/cs/ww/en/ps/3SE5112-0BH01

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE5112-0BH01&lang=en









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