## **SIEMENS**

## **Data sheet**

## 3SE5232-0LK64-1AL8



Position switch Plastic enclosure according to EN 50047, 31 mm Device connection 1 x M20 x 1.5 adjustable-length, offset 55° twist lever stainless steel with positive fit (grid hole) right/left adjustable with plastic roller 19 mm mounted on cover (on rear of lever) Customer-specific version

product brand name	SIRIUS
product designation	Mechanical position switches
product type designation	3SE5
manufacturer's article number	
<ul> <li>of the supplied actuator head for position switches</li> </ul>	3SE5000-0AK00
<ul> <li>of the supplied operating lever</li> </ul>	3SE5000-0AA64
<ul> <li>of the supplied switching contacts</li> </ul>	3SE5000-0LA00
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	IP65
shock resistance	
according to IEC 60068-2-27	30g / 11 ms
vibration resistance	
<ul><li>according to IEC 60068-2-6</li></ul>	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	158 mm
width of the sensor	31 mm
Ambient conditions	
ambient temperature	
<ul> <li>during operation</li> </ul>	-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	2	
number of NO contacts for auxiliary contacts	1	
operational current at AC-15		
at 24 V rated value	6 A	
<ul> <li>at 120 V rated value</li> </ul>	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	
nclosure		
design of the housing	block, narrow	
material of the enclosure	plastic	
coating of the enclosure	Other types	
design of the housing according to standard	Yes	
rive Head		
design of the actuating element	Adjustable twist lever, adjustable-length metal lever with positive fit, step 25 mm, plastic roller 19 mm	
standard-compliant actuator head	EN 50047, design A	
shape of the switch head	roller	
design of the switching function	positive opening	
circuit principle	snap-action contacts	
number of switching contacts safety-related	2	
cable entry type	1x (M20 x 1.5)	
nstallation/ mounting/ dimensions		
mounting position	any	
fastening method	screw fixing	
onnections/ 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)	
<ul> <li>finely stranded with core end processing</li> </ul>	1x (0.5 1.5 mm²), 2x (0.5 0.75 mm²)	
<ul> <li>for AWG cables solid</li> </ul>	1x (20 16), 2x (20 18)	
<ul> <li>for AWG cables stranded</li> </ul>	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 M

**General Product Approval** 

Functional Safety/Safety of Machinery



Confirmation







Type Examination Certificate

**Declaration of Conformity** 

**Test Certificates** 

other

**( €** 



Type Test Certificates/Test Report

Confirmation

## 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=3SE5232-0LK64-1AL8

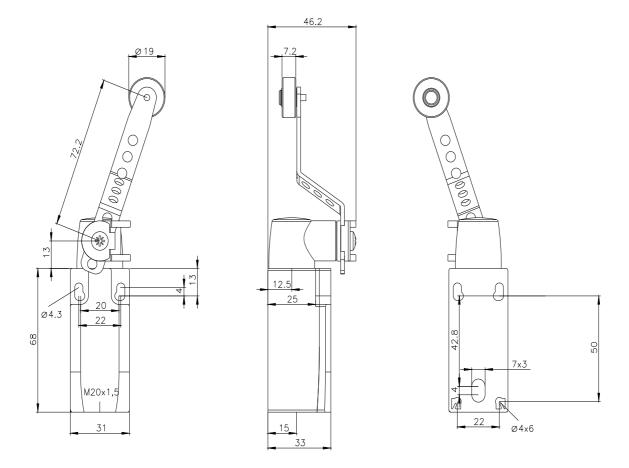
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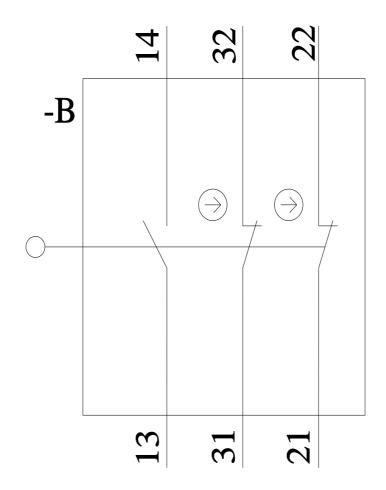
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE5232-0LK64-1AL8

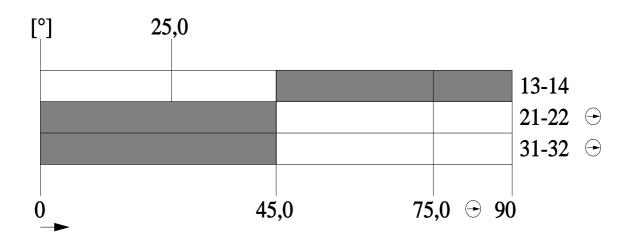
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

https://support.industry.siemens.com/cs/ww/en/ps/3SE5232-0LK64-1AL8

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) <a href="http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SE5232-0LK64-1AL8&lang=en">http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SE5232-0LK64-1AL8&lang=en</a>







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