## **SIEMENS**

## **Data sheet**

## 3SE5232-0LK15-1AL5



Position switch Plastic enclosure according to EN 50047, 31 mm Device connection 1 x (M20 x 1.5) 1 NO/2 NC quick action contacts Twist lever, 35 mm long right/left adjustable with plastic roller 19 mm customized Twist lever fixated clockwise at an angle:  $70^\circ$ 

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>	3SE5000-0AA15
<ul> <li>of the supplied switching contacts</li> </ul>	3SE5000-0LA00
<ul> <li>of the supplied empty enclosure with cover</li> </ul>	3SE5232-0AC05
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	
<ul> <li>according to IEC 60068-2-27</li> </ul>	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	125.5 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	
<ul> <li>at 24 V rated value</li> </ul>	6 A
at 120 V rated value	6 A
<ul> <li>at 240 V rated value</li> </ul>	6 A
at 400 V rated value	4 A
operational current at DC-13	
• at 24 V rated value	3 A
<ul> <li>at 125 V rated value</li> </ul>	0.55 A
• at 250 V rated value	0.27 A
<ul> <li>at 400 V rated value</li> </ul>	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	Twist lever, metal lever, 35 mm long, step 9 mm, EN50041, plastic roller 1 mm, rotated through $70^\circ$
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)
stallation/ 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)
• 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
ommunication/ Protocol	
design of the interface	without
ertificates/ approvals	
General Product Approval	Functional Safety/Safety

**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 informatior

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,...)

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SE5232-0LK15-1AL5

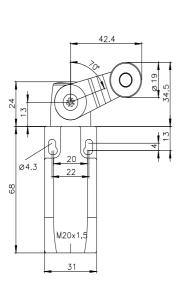
Cax online generator

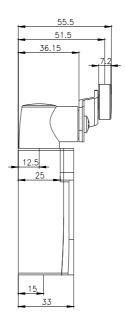
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE5232-0LK15-1AL5

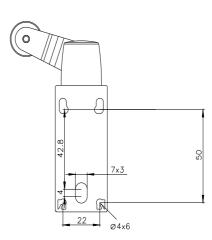
Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3SE5232-0LK15-1AL5

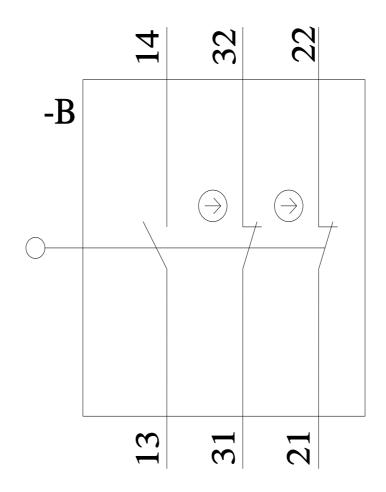
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

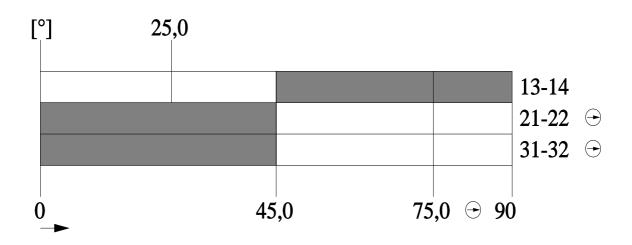
http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SE5232-0LK15-1AL5&lang=en











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