# **SIEMENS**

**Data sheet** 3SE5232-0HK21



Position switch Plastic enclosure according to EN 50047, 31 mm Device connection 1 x (M20 x 1.5) 1 NO/1 NC quick action contacts integrated (not replaceable) Twist lever, 21 mm long right/left adjustable with plastic roller

product brand name product designation product type designation manufacturer's article number

- of the supplied actuator head for position switches
- of the supplied operating lever

suitability for use safety switch

3SE5

3SE5000-0AK00

3SE5000-0AA21

General 3	tochi	alcal	data
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Yes product function positive opening 400 V insulation voltage rated value degree of pollution 6 kV surge voltage resistance rated value protection class IP **IP65** shock resistance

• according to IEC 60068-2-27

vibration resistance

• according to IEC 60068-2-6

mechanical service life (switching cycles) typical electrical endurance (switching cycles) at AC-15 at 230 V typical

electrical endurance (switching cycles) with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 typical

Electrical operating cycles in one hour with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026

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

**Substance Prohibitance (Date)** 

minimum actuating torque in directions of actuation

length of the sensor width of the sensor

SIRIUS

Mechanical position switches

Yes

class 3

30g / 11 ms

0.35 mm/5g 15 000 000

100 000

10 000 000

6 000

10 A plastic

1 A; for a short-circuit current smaller than 400 A 10 A; for a short-circuit current smaller than 400 A

6 A

mechanical 0.05 mm 07/01/2006 0.25 N·m 111.3 mm 31 mm

## **Ambient conditions**

### ambient temperature

- during operation -25 ... +85 °C • during storage
- explosion protection category for dust

-40 ... +90 °C none

11/7/2022

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		
<ul> <li>at 24 V rated value</li> </ul>	6 A	
<ul> <li>at 120 V rated value</li> </ul>	6 A	
<ul> <li>at 240 V rated value</li> </ul>	6 A	
<ul> <li>at 400 V rated value</li> </ul>	4 A	
operational current at DC-13		
<ul> <li>at 24 V rated value</li> </ul>	3 A	
<ul> <li>at 125 V rated value</li> </ul>	0.55 A	
<ul> <li>at 250 V rated value</li> </ul>	0.27 A	
<ul> <li>at 400 V rated value</li> </ul>	0.12 A	
Enclosure		
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	
Drive Head		
design of the actuating element	Twist lever, metal lever, 21 mm long, straight, 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, integrated	
circuit principle	snap-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		
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)	
at AWG cables solid	1x (20 16), 2x (20 18)	
<ul> <li>at 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**





Confirmation







Functional Safety/Safety of De Machinery	eclaration of Conformity	Test Certificates	other
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Type Examination Certificate





Type Test Certificates/Test Report

Confirmation

#### Further information

Information- and Downloadcenter (Catalogs, Brochures,...) <a href="https://www.siemens.com/ic10">https://www.siemens.com/ic10</a>

Industry Mall (Online ordering system)

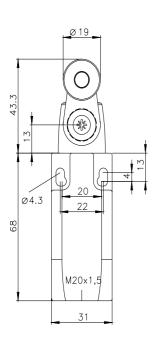
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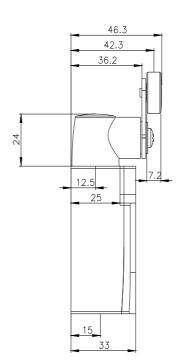
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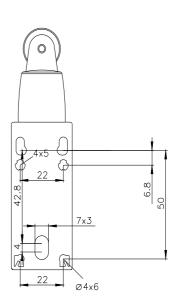
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE5232-0HK21

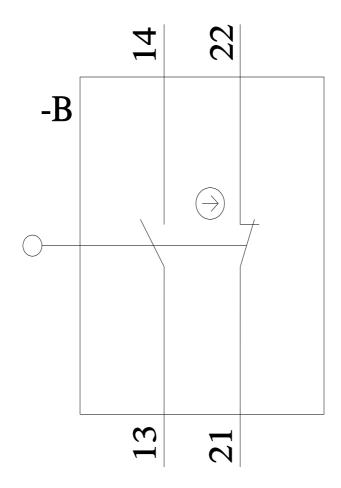
Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3SE5232-0HK21

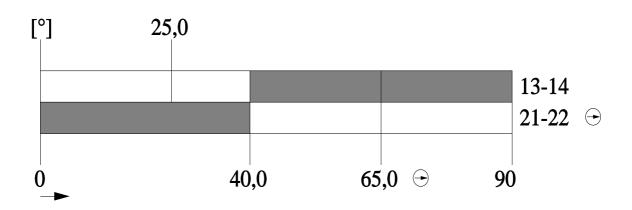
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) <a href="http://www.automation.siemens.com/bilddb/cax">http://www.automation.siemens.com/bilddb/cax</a> de.aspx?mlfb=3SE5232-0HK21&lang=en











last modified: 3/23/2022 🖸