# **SIEMENS**

**Data sheet** 3SE5242-0HK50



position switch plastic enclosure 50 mm, device connection 2 x (M20 x 1.5) 1 NO/1 NC quick action contacts, adjustable-length twist lever right/left adjustable with plastic roller 19 mm

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

SIRIUS

Mechanical position switches

3SE5

3SE5000-0AK00

No

Coporal	technical	data
General	tecillical	uata

product function positive opening No 400 V insulation voltage rated value class 3 degree of pollution 6 kV surge voltage resistance rated value IP66/IP67 protection class IP shock resistance • according to IEC 60068-2-27

vibration resistance

• according to IEC 60068-2-6 mechanical service life (operating cycles) typical electrical endurance (operating cycles) at AC-15 at 230 V typical

electrical endurance (operating 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

3SE5000-0AA50

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 167 mm 50 mm

#### **Ambient conditions**

### ambient temperature

• during operation • during storage

explosion protection category for dust

-25 ... +85 °C -40 ... +90 °C

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 120 V rated value     at 120 V rated value	6 A	
at 120 V rated value     at 240 V rated value	6 A	
at 400 V rated value     at 400 V rated value	4 A	
operational current at DC-13	4 A	
at 24 V rated value	3 A	
at 24 V rated value     at 125 V rated value	0.55 A	
at 125 V rated value     at 250 V rated value	0.55 A 0.27 A	
at 400 V rated value     at 400 V rated value	0.12 A	
	0.12 A	
Enclosure		
design of the housing	block, wide	
material of the enclosure	plastic	
coating of the enclosure	Other types	
design of the housing according to standard	No	
Drive Head		
design of the actuating element	Adjustable twist lever, adjustable-length metal lever, 100 mm long, plastic roller 19 mm	
standard-compliant actuator head	EN 50047, design A	
shape of the switch head	roller	
circuit principle	snap-action contacts	
number of switching contacts safety-related	0	
cable entry type	2x (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)	
<ul> <li>at AWG cables solid</li> </ul>	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		

#### **General Product Approval**





Confirmation







Functional Safety/Safety of Machinery

**Declaration of Conformity** 

**Test Certificates** 

other

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)

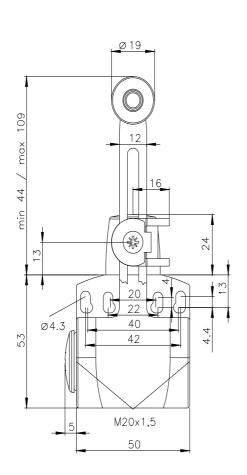
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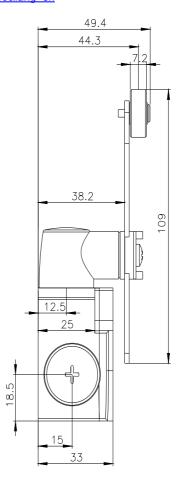
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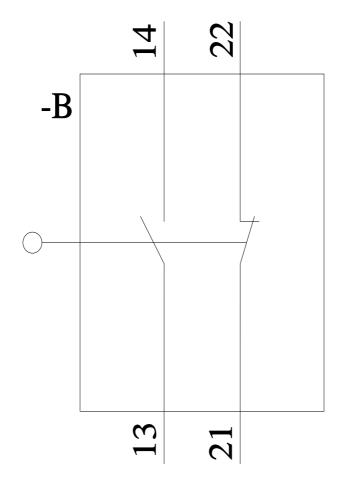
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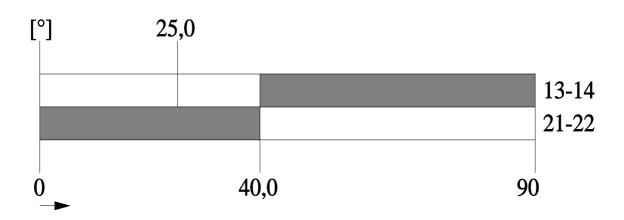
Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3SE5242-0HK50

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=3SE5242-0HK50&lang=en









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