## SIEMENS

## Data sheet

## 3SE5232-0HK82



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) Rod lever Plastic rod 200 mm

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>	<u>3SE5000-0AK00</u>
<ul> <li>of the supplied operating lever</li> </ul>	3SE5000-0AA82
suitability for use safety switch	No
General technical data	
product function positive opening	No
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	
according to IEC 60068-2-6	0.35 mm/5g
mechanical service life (switching cycles) typical	15 000 000
electrical endurance (switching cycles) at AC-15 at 230 V typical	100 000
electrical endurance (switching cycles) with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 typical	10 000 000
Electrical operating cycles in one hour with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026	6 000
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	271 mm
width of the sensor	31 mm
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	6 A
• at 240 V rated value	6 A
at 200 V rated value	4 A
operational current at DC-13	
at 24 V rated value	3 A
at 25 V rated value	0.55 A
at 250 V rated value	0.27 A
at 200 V rated value     at 400 V rated value	0.27 A 0.12 A
design of the interface for safety-related communication	without
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	Rod lever, plastic rod, length 200 mm
standard-compliant actuator head	EN 50047, design A
circuit principle	snap-action contacts
number of switching contacts safety-related	0
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)
cable entry type	1x (M20 x 1.5)
Communication/ Protocol	
design of the interface	without
Ambient conditions	
ambient temperature	
during operation	-25 +85 °C
during storage	-40 +90 °C
explosion protection category for dust	none
Installation/ mounting/ dimensions	
	001/
mounting position fastening method	any screw fixing
	Sciew inking
Certificates/ approvals	
General Product Approval	
Confirmation	יחח או איי איי איי איי
	S (N) FAI FAI
CSA CC	
Functional	Test Certificates other
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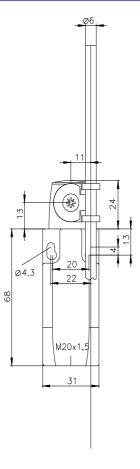
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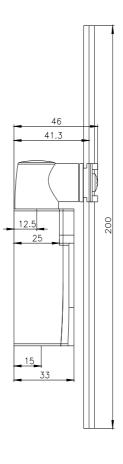
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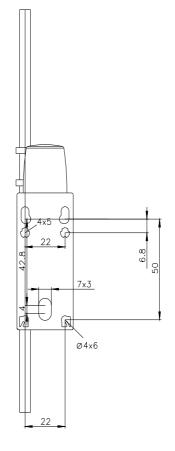
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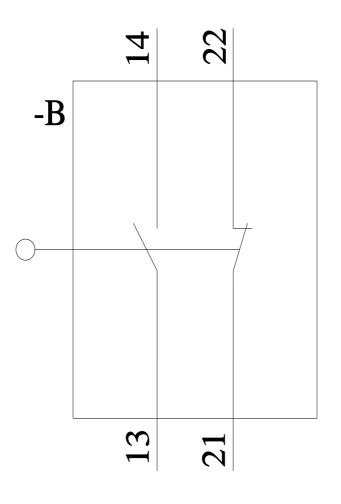
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Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SE5232-0HK82&lang=en









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