SIEMENS

Data sheet 3SE5132-0CR01



Position switch Plastic enclosure 40 mm according to EN 50041 Device connection 1 x (M20 x 1.5) 1 NO/1 NC quick action contacts Spring rod actuator 142.5 mm total length with plastic plunger 50 mm

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

- of the supplied basic switch
- of the supplied actuator head for position switches
- of the supplied switching contacts
- of the supplied empty enclosure with cover

suitability for use safety switch

SIRIUS

Mechanical position switches

3SE5

3SE5132-0CA00

3SE5000-0AR01

3SE5000-0CA00

3SE5132-0AA00

No

General technical data

product function positive opening
insulation voltage rated value
degree of pollution
surge voltage resistance rated value
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

No

400 V class 3

6 kV

IP65/IP67

30g / 11 ms

0.35 mm/5g 10 000 000

100 000

10 000 000

6 000

10 A plastic

В

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 220.3 mm 40 mm

Ambient conditions

ambient	temperature
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during operationduring storage

-25 ... +85 °C -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	1
number of NO contacts for auxiliary contacts	1
operational current at AC-15	6.4
 at 24 V rated value at 125 V rated value 	6 A 6 A
	6 A
 at 240 V rated value at 400 V rated value 	6 A 4 A
	4 A
operational current at DC-13 • at 24 V rated value	3 A
at 125 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	0.12 A
	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	Spring rod, total length = 142.5 mm (spring 50 mm + plastic plunger 50 mm)
circuit principle	snap-action contacts
number of switching contacts safety-related	0
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)
 finely stranded with core end processing 	1x (0.5 1.5 mm²), 2x (0.5 0.75 mm²)
 at AWG cables solid 	1x (20 16), 2x (20 18)
 at AWG cables stranded 	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 Machinery

Declaration of Conformity

other

Type Examination Certificate





Confirmation

Further information

Information- and Downloadcenter (Catalogs, Brochures,...) https://www.siemens.com/ic10

Industry Mall (Online ordering system)

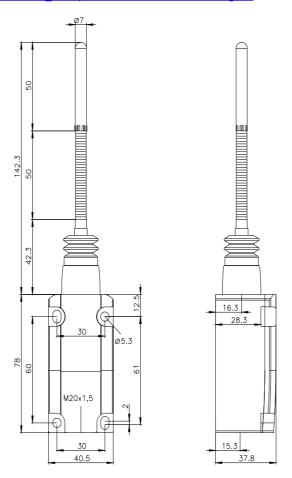
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SE5132-0CR01

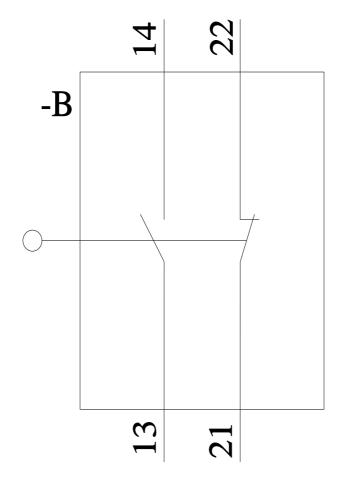
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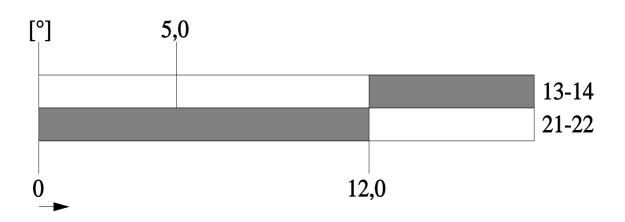
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE5132-0CR01

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3SE5132-0CR01

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax de.aspx?mlfb=3SE5132-0CR01&lang=en







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