SIEMENS

Product data sheet 3SE5132-0CF05



SIRIUS POSITION SWITCH PLASTIC ENCLOSURE 40MM, TO EN50041 DEVICE CONNECTION 1X (M20X1.5) 1NO/1NC SNAP-ACTION CONTACTS ANGULAR METAL ROLLER LEVER AND PLASTIC ROLLER 22MM

Manufacturer article number

- of the basic unit included in the scope of supply
- of the actuator head for position switches included in the scope of supply

3SE5132-0CA00

3SE5000-0AF05

| General technical details: | | | |
|----------------------------------------|---|--------------------------|--|
| product designation | | standard position switch | |
| Explosion protection category for dust | | none | |
| Insulation voltage | | | |
| rated value | V | 400 | |
| Degree of pollution | | class 3 | |
| Thermal current | Α | 10 | |
| Operating current | | | |
| • at AC-15 | | | |
| • at 24 V / rated value | Α | 6 | |
| • at 125 V / rated value | Α | 6 | |
| • at 230 V / rated value | Α | 6 | |
| • at 400 V / rated value | Α | 4 | |
| • at DC-13 | | | |
| • at 24 V / rated value | Α | 3 | |
| • at 125 V / rated value | Α | 0.55 | |
| • at 230 V / rated value | Α | 0.27 | |

| Continuous current Continuous current A 6 6 • of the slow DNZED fuse link A 10 10 • of the Characteristic circuit breaker A 1 1 Mechanical operating cycles as operating time 'typical 15,000,000 15,000,000 Electrical operating cycles as operating time 'typical care'typical' 100,000 100,000 • at A-16 / at 230 V / typical 100,000 100,000 Electrical operating cycles in one hour 05 000 • with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026, 3RT1026 m 0.5 Repeat accuracy m 0.5 000 Possign of the contact element m 0.5 000 • for auxiliary contacts 1 0.00 • for auxiliary contacts 1 1 • for auxiliary contacts 1 1 Resistance against vibration 0.03 mm / 5 1 Resistance against vibration 0.03 mm / 5 1 Resistance against vibration p 0.03 mm / 5 1 Resistance against vibration p 0.00 mm 0.00 mm • for auxiliary contacts | • at 400 V / rated value | Α | 0.1 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|------------|-----------------------------|
| • of the quick DIAZED fuse link • of the C characteristic circuit breaker Mechanical operating cycles as operating time • bypical Electrical operating cycles as operating time • with contactor dRH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 / typical • at AC-15 / at 230 V / typical • at AC-15 / at 230 V / typical • at AC-15 / at 230 V / typical • at AC-15 / at 230 V / typical • at AC-15 / at 230 V / typical • at AC-15 / at 230 V / typical • at AC-15 / at 230 V / typical • at AC-15 / at 230 V / typical • at AC-15 / at 230 V / typical • at AC-15 / at 230 V / typical • at AC-15 / at 230 V / typical • at AC-15 / at 230 V / typical • at AC-15 / at 230 V / typical • at AC-15 / at 230 V / typical • at AC-15 / at 230 V / typical • at AC-15 / at 230 V / typical • at AC-15 / at 230 V / typical • at AC-15 / at 230 V / typical • at AC-15 / at 230 V / typical • at AC-15 / at 230 V / typical • at AC-15 / at 230 V / typical • at AC-15 / at 230 V / typical • at AC-15 / at 230 V / typical • at AC-15 / at 230 V / typical • at AC-15 / at 230 V / typical • at AC-15 / at 230 V / typical • at AC-15 / at 230 V / typical • at AC-15 / at 230 V / typical • at AC-15 / at 230 V / typical • at AC-15 / at 230 V / typical • at AC-15 / at 230 V / typical • at AC-15 / at 230 V / typical • at AC-15 / at 230 V / typical • at AC-15 / at 230 V / typical • at AC-15 / at 230 V / typical • at AC-15 / at 230 V / typical • at AC-15 / at 240 V / typical • at AC-15 / at 240 V / typical • at AC-15 / at 240 V / typical • at AC-15 / at 240 V / typical • at AC-15 / at 240 V / typical • at AC-15 / at 240 V / typical • at AC-15 / at 240 V / typical • at AC-15 / at 240 V / typical • at AC-15 / at 240 V / typical • at AC-15 / at 240 V / typical • at AC-15 / at 240 V / typical • at AC-15 / at 240 V / typical • at AC-15 / at 240 V / typical • at AC-15 / at 240 V / typical • at AC-15 / at 240 V / typical • at AC-15 / at 240 V / typical • at AC-15 / at 240 V / typical • at AC-15 / at 240 V / typical • at AC-15 / at 240 V / typical • at AC-15 / at 240 V / typical | Continuous current | | |
| • of the C characteristic circuit breaker A 1 Mechanical operating cycles as operating time • vish contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1028 / typical • at AC-15 / at 230 V / typical • vish contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1028 / typical • vish contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1028 10,000,000 Electrical operating cycles in one hour • vish contact or 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1028 6,000 Repeat accuracy mm 0.05 Design of the contact element mm 0.05 Number of NC contacts • for auxiliary contacts 1 1 • ror auxiliary contacts 1 1 • ror auxiliary contacts 1 30,3 mm / 5g Resistance against vibration 0.35 mm / 5g 30,9 / 11 ms Ambient temperature • during operating • during storage ****C 25 +85 • during storage ***C 25 +85 • during storage ***C 40 +90 Product specification • for dimensions EN 50041 • of the enclosure EN 50041 Material / of the housing / of the switch head plastic Design of the operating mechanism metal lever, plastic rolll | of the slow DIAZED fuse link | Α | 6 |
| Mechanical operating cycles as operating time | of the quick DIAZED fuse link | Α | 10 |
| Position | of the C characteristic circuit breaker | Α | 1 |
| Electrical operating cycles as operating time • with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 / typical Electrical operating cycles in one hour • with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 / SRT1026 / | Mechanical operating cycles as operating time | | |
| • with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 / typical 10,000,000 Electrical operating cycles in one hour 6,000 • with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 6,000 Repeat accuracy mm 0,05 Design of the contact element anap-action contacts • for auxiliary contacts 1 • for auxiliary contacts 30g / 11 ms Resistance against vibration 30g / 11 ms Resistance against shock 30g / 11 ms Ambient temperature °C 25 +85 • during operating °C 40 +90 Product specification In So041 • for dimensions EN 50041 Width of the sensor mm 40 Material plastic • of the enclosure memal lever, plastic roller Catuating speed mm/s / m/s 0.1 | • typical | | 15,000,000 |
| SRT1026 / typical • at AC-15 / at 230 V/ typical Electrical operating cycles in one hour • with contactor SRH11, SRT1016, SRT1017, SRT1024, SRT1025, SRT1026 Repeat accuracy mm 0.05 Resign of the contact element Number of NC contacts • for auxiliary contacts • for duxiliary contacts • for dimensions • for dimensions Material • of the enclosure Material • of the enclosure Material • of the enclosure Material of the housing / of the switch head Design of the operating mechanism Actuating speed mm/s / m/s 0.12.5 Minimum actuating force / in activation direction N 10 Protection class IP mounting position Cable gland version Design of the electrical connection | Electrical operating cycles as operating time | | |
| Electrical operating cycles in one hour with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1024, 3RT1025 6,000 Repeat accuracy mm 0.05 Design of the contact element mm 0.05 Number of NC contacts 1 contact conta | | | 10,000,000 |
| • with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 6,000 Repeat accuracy mm 0.05 Design of the contact element snap-action contacts • for auxiliary contacts 1 Design of the switching function positive opening Number of NC contacts positive opening • for auxiliary contacts 1 Resistance against vibration 305 mm / 5g Resistance against shock 30g / 11 ms Ambient temperature • currently approached by a currently approached b | • at AC-15 / at 230 V / typical | | 100,000 |
| 3RT1026 mm 0.05 Design of the contact element mm 0.05 Number of NC contacts | Electrical operating cycles in one hour | | |
| Design of the contact element snap-action contacts Number of NC contacts | | | 6,000 |
| Number of NC contacts | Repeat accuracy | mm | 0.05 |
| • for auxiliary contacts 1 Number of NO contacts 1 • for auxiliary contacts 1 Resistance against vibration 0.35 mm / 5g Resistance against shock 30g / 11 ms Ambient temperature C -25 +85 • during operating °C -25 +85 • during storage °C -40 +90 Product specification EN 50041 • for dimensions EN 50041 Width of the sensor mm 40 Material • plastic • of the enclosure plastic Material / of the housing / of the switch head plastic Design of the operating mechanism metal lever, plastic roller Actuating speed mm/s / m/s 0.1 2.5 Minimum actuating force / in activation direction N 10 Protection class IP IP66/IP67 mounting position any Cable gland version Ix (M20 x 1.5) screw-type terminals | Design of the contact element | | snap-action contacts |
| Design of the switching function positive opening Number of NO contacts | Number of NC contacts | | |
| Number of NO contacts | for auxiliary contacts | | 1 |
| • for auxiliary contacts 1 Resistance against vibration 0.35 mm / 5g Resistance against shock 30g / 11 ms Ambient temperature • C • during operating °C -25 +85 • during storage °C -40 +90 Product specification EN 50041 • for dimensions EN 50041 Width of the sensor mm 40 Material • of the enclosure plastic Material / of the housing / of the switch head plastic Design of the operating mechanism metal lever, plastic roller Actuating speed mm/s / m/s 0.1 2.5 Minimum actuating force / in activation direction N 10 Protection class IP IP 66/IP67 mounting position any Cable gland version 1x (M20 x 1.5) Design of the electrical connection screw-type terminals | Design of the switching function | | positive opening |
| Resistance against vibration 0.35 mm / 5g Resistance against shock 30g / 11 ms Ambient temperature during operating during storage C -40 +90 Product specification for dimensions EN 50041 Width of the sensor mm 40 Material of the enclosure plastic Material / of the housing / of the switch head plastic Design of the operating mechanism metal lever, plastic roller Actuating speed mm/s / m/s 0.1 2.5 Minimum actuating force / in activation direction N 10 Protection class IP IP66/IP67 mounting position any Cable gland version 1x (M20 x 1.5) Design of the electrical connection screw-type terminals | Number of NO contacts | | |
| Resistance against shock Ambient temperature • during operating • during storage Product specification • for dimensions Width of the sensor Material • of the enclosure Material / of the housing / of the switch head Design of the operating mechanism Actuating speed Minimum actuating force / in activation direction Protection class IP mounting position Cable gland version Design of the electrical connection Material / of the electrical connection Actual of the electrical connection Actual of the description Actual of the operating mechanism Actual of the operating of the operating mechanism Actual of the operating of the operating of the operating mechanism Actual of the operating | for auxiliary contacts | | 1 |
| Ambient temperature • during operating • during storage Product specification • for dimensions Width of the sensor Material • of the enclosure Material / of the housing / of the switch head Design of the operating mechanism Actuating speed Minimum actuating force / in activation direction Protection class IP mounting position Cable gland version Design of the electrical connection Minimum actuating force / in activation direction Design of the electrical connection Minimum actuating force / in activation direction Design of the electrical connection Actuation direction Design of the electrical connection Minimum actuating force / in activation direction Minimum actuating force / in activa | Resistance against vibration | | 0.35 mm / 5g |
| during operating during storage C -25 +85 during storage C -40 +90 Product specification for dimensions EN 50041 Width of the sensor mm 40 Material of the enclosure plastic Material / of the housing / of the switch head plastic Design of the operating mechanism metal lever, plastic roller Actuating speed mm/s / m/s 0.1 2.5 Minimum actuating force / in activation direction N 10 Protection class IP mounting position any Cable gland version 1x (M20 x 1.5) screw-type terminals Design of the electrical connection screw-type terminals | Resistance against shock | | 30g / 11 ms |
| during storage C -40 +90 Product specification for dimensions EN 50041 Width of the sensor mm 40 Material of the enclosure plastic Material / of the housing / of the switch head plastic plastic metal lever, plastic roller Actuating speed mm/s / m/s 0.1 2.5 Minimum actuating force / in activation direction N 10 Protection class IP mounting position Cable gland version Design of the electrical connection screw-type terminals | Ambient temperature | | |
| Product specification • for dimensions Material • of the enclosure Material / of the housing / of the switch head Design of the operating mechanism Actuating speed Minimum actuating force / in activation direction Protection class IP mounting position Cable gland version Design of the electrical connection Middle Series Se | during operating | °C | -25 +85 |
| • for dimensions Width of the sensor Material • of the enclosure Material / of the housing / of the switch head Design of the operating mechanism Actuating speed Minimum actuating force / in activation direction Protection class IP mounting position Cable gland version Design of the electrical connection EN 50041 description plastic plastic | during storage | °C | -40 +90 |
| Width of the sensormm40Material • of the enclosureplasticMaterial / of the housing / of the switch headplasticDesign of the operating mechanismmetal lever, plastic rollerActuating speedmm/s / m/s0.1 2.5Minimum actuating force / in activation directionN10Protection class IPIP66/IP67mounting positionanyCable gland version1x (M20 x 1.5)Design of the electrical connectionscrew-type terminals | Product specification | | |
| Material of the enclosure Material / of the housing / of the switch head Design of the operating mechanism Actuating speed Minimum actuating force / in activation direction Protection class IP mounting position Cable gland version Design of the electrical connection Naterial / plastic plastic metal lever, plastic roller mm/s / m/s 0.1 2.5 Naterial / plastic metal lever, plastic roller metal lever, plastic roller metal lever, plastic roller Naterial / metal lever, plastic roller naterial / metal lever, plastic roller nater | • for dimensions | | EN 50041 |
| • of the enclosure plastic Material / of the housing / of the switch head plastic Design of the operating mechanism metal lever, plastic roller Actuating speed mm/s / m/s 0.1 2.5 Minimum actuating force / in activation direction N 10 Protection class IP IP66/IP67 mounting position any Cable gland version 1x (M20 x 1.5) Design of the electrical connection screw-type terminals | Width of the sensor | mm | 40 |
| Material / of the housing / of the switch head plastic Design of the operating mechanism metal lever, plastic roller Actuating speed mm/s / m/s 0.1 2.5 Minimum actuating force / in activation direction N 10 Protection class IP IP66/IP67 mounting position any Cable gland version 1x (M20 x 1.5) Design of the electrical connection screw-type terminals | Material | | |
| Design of the operating mechanismmetal lever, plastic rollerActuating speedmm/s / m/s0.1 2.5Minimum actuating force / in activation directionN10Protection class IPIP66/IP67mounting positionanyCable gland version1x (M20 x 1.5)Design of the electrical connectionscrew-type terminals | of the enclosure | | plastic |
| Actuating speed mm/s / m/s 0.1 2.5 Minimum actuating force / in activation direction N 10 Protection class IP IP66/IP67 mounting position any Cable gland version 1x (M20 x 1.5) Design of the electrical connection screw-type terminals | Material / of the housing / of the switch head | | plastic |
| Minimum actuating force / in activation direction Protection class IP IP66/IP67 mounting position Cable gland version Design of the electrical connection N 10 IP66/IP67 any 1x (M20 x 1.5) screw-type terminals | Design of the operating mechanism | | metal lever, plastic roller |
| Protection class IP IP66/IP67 mounting position any Cable gland version 1x (M20 x 1.5) Design of the electrical connection screw-type terminals | Actuating speed | mm/s / m/s | 0.1 2.5 |
| mounting position Cable gland version 1x (M20 x 1.5) Design of the electrical connection screw-type terminals | Minimum actuating force / in activation direction | N | 10 |
| Cable gland version 1x (M20 x 1.5) Design of the electrical connection screw-type terminals | Protection class IP | | IP66/IP67 |
| Design of the electrical connection screw-type terminals | mounting position | | any |
| | Cable gland version | | 1x (M20 x 1.5) |
| Item designation | Design of the electrical connection | | screw-type terminals |
| | Item designation | | |

- according to DIN 40719 extendable after IEC 204-2
- according to DIN EN 61346-2

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Certificates/approvals:

General Product Approval

Declaration of Conformity

other









Confirmation

Further information:

Information- and Downloadcenter (Catalogs, Brochures,...)

http://www.siemens.com/industrial-controls/catalogs

Industry Mall (Online ordering system)

 $\underline{\text{http://www.siemens.com/industrial-controls/mall}}$

CAx-Online-Generator

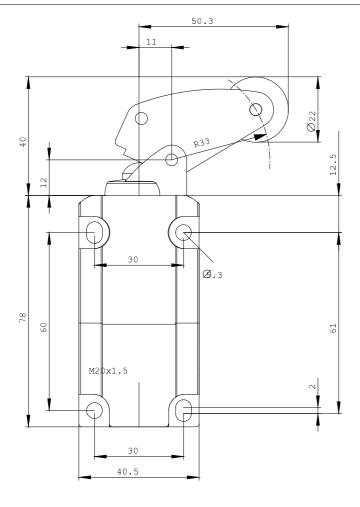
http://www.siemens.com/cax

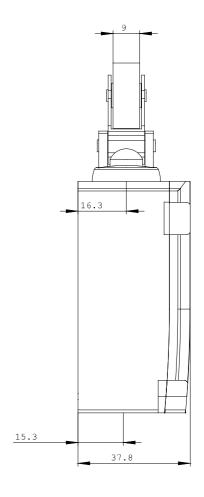
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

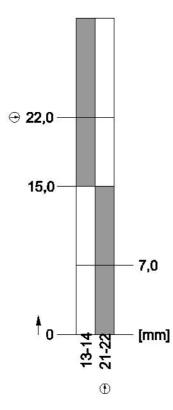
http://support.automation.siemens.com/WW/view/en/3SE5132-0CF05/all

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

 $\underline{\text{http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3SE5132-0CF05}}$







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