



Position switch Plastic enclosure 40 mm Twist lever, according to EN 50041 Device connection 1 x (M20 x 1.5) 1 NO/1 NC quick action contacts Rotary actuator right/left adjustable, Metal lever 27 mm long and plastic roller 19 mm

|                                                                                                                                                                                                                                                                                          |                                                                                                                                                                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>product brand name</b>                                                                                                                                                                                                                                                                | SIRIUS                                                                                                                                                            |
| <b>product designation</b>                                                                                                                                                                                                                                                               | Mechanical position switches                                                                                                                                      |
| <b>product type designation</b>                                                                                                                                                                                                                                                          | 3SE5                                                                                                                                                              |
| <b>manufacturer's article number</b>                                                                                                                                                                                                                                                     |                                                                                                                                                                   |
| <ul style="list-style-type: none"><li>• of the supplied basic switch</li><li>• of the supplied actuator head for position switches</li><li>• of the supplied operating lever</li><li>• of the supplied switching contacts</li><li>• of the supplied empty enclosure with cover</li></ul> | <a href="#">3SE5132-0CA00</a><br><a href="#">3SE5000-0AH00</a><br><a href="#">3SE5000-0AA01</a><br><a href="#">3SE5000-0CA00</a><br><a href="#">3SE5132-0AA00</a> |
| suitability for use safety switch                                                                                                                                                                                                                                                        | Yes                                                                                                                                                               |
| <b>General technical data</b>                                                                                                                                                                                                                                                            |                                                                                                                                                                   |
| product function positive opening                                                                                                                                                                                                                                                        | Yes                                                                                                                                                               |
| insulation voltage rated value                                                                                                                                                                                                                                                           | 400 V                                                                                                                                                             |
| degree of pollution                                                                                                                                                                                                                                                                      | class 3                                                                                                                                                           |
| surge voltage resistance rated value                                                                                                                                                                                                                                                     | 6 kV                                                                                                                                                              |
| protection class IP                                                                                                                                                                                                                                                                      | IP66/IP67                                                                                                                                                         |
| shock resistance                                                                                                                                                                                                                                                                         |                                                                                                                                                                   |
| <ul style="list-style-type: none"><li>• according to IEC 60068-2-27</li></ul>                                                                                                                                                                                                            | 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                                                                                                                                                                                                                                                  | B                                                                                                                                                                 |
| 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                                                                                                                                                                                                                                                                     | 127.5 mm                                                                                                                                                          |
| width of the sensor                                                                                                                                                                                                                                                                      | 40 mm                                                                                                                                                             |
| <b>Ambient conditions</b>                                                                                                                                                                                                                                                                |                                                                                                                                                                   |
| ambient temperature                                                                                                                                                                                                                                                                      |                                                                                                                                                                   |
| <ul style="list-style-type: none"><li>• during operation</li></ul>                                                                                                                                                                                                                       | -25 ... +85 °C                                                                                                                                                    |

|                                                                                            |                                                                       |
|--------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>during storage</li> </ul>                           | -40 ... +90 °C                                                        |
| <b>explosion protection category for dust</b>                                              | none                                                                  |
| <b>design of the switching contact</b>                                                     | mechanical                                                            |
| <b>operating frequency rated value</b>                                                     | 50 ... 60 Hz                                                          |
| <b>number of NC contacts for auxiliary contacts</b>                                        | 1                                                                     |
| <b>number of NO contacts for auxiliary contacts</b>                                        | 1                                                                     |
| <b>operational current at AC-15</b>                                                        |                                                                       |
| <ul style="list-style-type: none"> <li>at 24 V rated value</li> </ul>                      | 6 A                                                                   |
| <ul style="list-style-type: none"> <li>at 125 V rated value</li> </ul>                     | 6 A                                                                   |
| <ul style="list-style-type: none"> <li>at 240 V rated value</li> </ul>                     | 6 A                                                                   |
| <ul style="list-style-type: none"> <li>at 400 V rated value</li> </ul>                     | 4 A                                                                   |
| <b>operational current at DC-13</b>                                                        |                                                                       |
| <ul style="list-style-type: none"> <li>at 24 V rated value</li> </ul>                      | 3 A                                                                   |
| <ul style="list-style-type: none"> <li>at 125 V rated value</li> </ul>                     | 0.55 A                                                                |
| <ul style="list-style-type: none"> <li>at 250 V rated value</li> </ul>                     | 0.27 A                                                                |
| <ul style="list-style-type: none"> <li>at 400 V rated value</li> </ul>                     | 0.12 A                                                                |
| <b>Enclosure</b>                                                                           |                                                                       |
| <b>design of the housing</b>                                                               | block, narrow                                                         |
| <b>material of the enclosure</b>                                                           | plastic                                                               |
| <b>coating of the enclosure</b>                                                            | Other types                                                           |
| <b>design of the housing according to standard</b>                                         | Yes                                                                   |
| <b>Drive Head</b>                                                                          |                                                                       |
| <b>design of the actuating element</b>                                                     | Twist lever, metal lever, 27 mm long, step 9 mm, plastic roller 19 mm |
| <b>standard-compliant actuator head</b>                                                    | EN 50041, design A                                                    |
| <b>shape of the switch head</b>                                                            | roller                                                                |
| <b>design of the switching function</b>                                                    | positive opening                                                      |
| <b>circuit principle</b>                                                                   | snap-action contacts                                                  |
| <b>number of switching contacts safety-related</b>                                         | 1                                                                     |
| <b>cable entry type</b>                                                                    | 1x (M20 x 1.5)                                                        |
| <b>Installation/ mounting/ dimensions</b>                                                  |                                                                       |
| <b>mounting position</b>                                                                   | any                                                                   |
| <b>fastening method</b>                                                                    | screw fixing                                                          |
| <b>Connections/ Terminals</b>                                                              |                                                                       |
| <b>type of electrical connection</b>                                                       | screw-type terminals                                                  |
| <b>type of connectable conductor cross-sections</b>                                        |                                                                       |
| <ul style="list-style-type: none"> <li>solid</li> </ul>                                    | 1x (0.5 ... 1.5 mm²), 2x (0.5 ... 0.75 mm²)                           |
| <ul style="list-style-type: none"> <li>finely stranded with core end processing</li> </ul> | 1x (0.5 ... 1.5 mm²), 2x (0.5 ... 0.75 mm²)                           |
| <ul style="list-style-type: none"> <li>at AWG cables solid</li> </ul>                      | 1x (20 ... 16), 2x (20 ... 18)                                        |
| <ul style="list-style-type: none"> <li>at AWG cables stranded</li> </ul>                   | 1x (20 ... 16), 2x (20 ... 18)                                        |
| <b>design of the interface for safety-related communication</b>                            | without                                                               |
| <b>Communication/ Protocol</b>                                                             |                                                                       |
| <b>design of the interface</b>                                                             | without                                                               |
| <b>Certificates/ approvals</b>                                                             |                                                                       |
| General Product Approval                                                                   | Functional Safety/Safety of Machinery                                 |



[Confirmation](#)



[Type Examination Certificate](#)

Declaration of Conformity

other



[Confirmation](#)

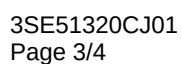
<https://www.siemens.com/ic10>

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SE5132-0CJ01>

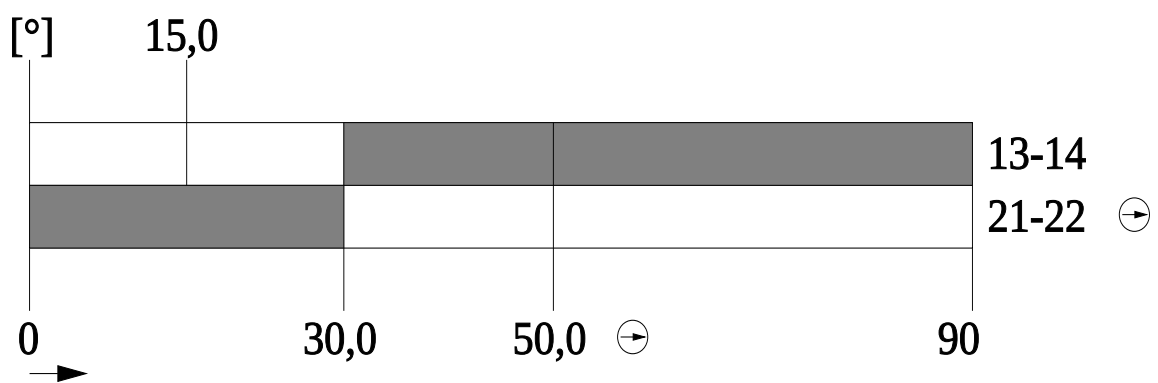
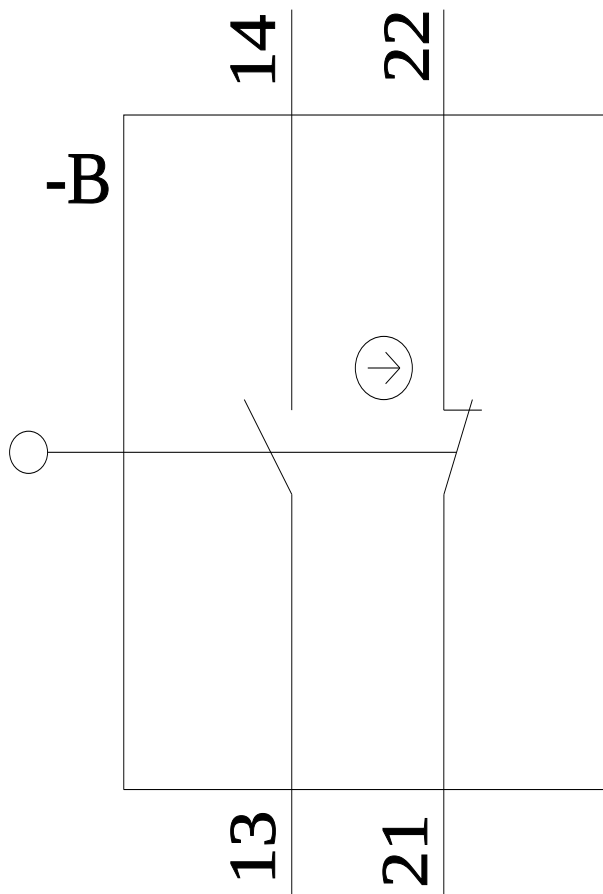
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE5132-0CJ01>

<https://support.industry.siemens.com/cs/ww/en/ps/3SE5132-0CJ01>

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SE5132-0CJ01&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE5132-0CJ01&lang=en)



Subject to change without notice  
© Copyright Siemens



last modified:

12/21/2020