

Position switch Plastic enclosure according to EN 50047, 31 mm
 Device connection 1 x (M20 x 1.5) 1 NO/1 NC snap-action contacts
 integrated (not replaceable) Rounded plunger Degree of protection
 IP40, with self-sealing grommet, enclosure and cover in black
 Without locking plate, with accessory: screws and holding plate,
 connection cable 0.6 m, orange Customer-specific

| | |
|-----------------------------------|------------------------------|
| Product brand name | SIRIUS |
| Product designation | Mechanical position switches |
| Product type designation | 3SE5 |
| Suitability for use safety switch | Yes |

General technical data

| | |
|---|--|
| Product function | |
| • positive opening | Yes |
| Degree of pollution | class 3 |
| Thermal current | 10 A |
| Reference code acc. to DIN EN 61346-2 | 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 |
| Length of the sensor | 75.7 mm |
| Width of the sensor | 31 mm |
| Design of the switching contact | mechanical |
| Operating frequency rated value | 50 Hz |
| Number of NC contacts for auxiliary contacts | 1 |
| Number of NO contacts for auxiliary contacts | 1 |
| Number of CO contacts for auxiliary contacts | 1 |
| 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 |

Drive Head

| | |
|--|---------------------------------|
| Design of the operating mechanism | Rounded plunger, Teflon plunger |
| Design of the switching function | positive opening, integrated |
| Circuit principle | snap-action contacts |

| | |
|---|---|
| Number of switching contacts safety-related | 1 |
|---|---|

Connections/ Terminals

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|--|---|
| Type of electrical connection | screw-type terminals |
| Type of connectable conductor cross-sections | |
| <ul style="list-style-type: none"> • solid | 1x (0.5 ... 1.5 mm ²), 2x (0.5 ... 0.75 mm ²) |
| <ul style="list-style-type: none"> • finely stranded with core end processing | 1x (0.5 ... 1.5 mm ²), 2x (0.5 ... 0.75 mm ²) |
| <ul style="list-style-type: none"> • at AWG conductors solid | 1x (20 ... 16), 2x (20 ... 18) |
| <ul style="list-style-type: none"> • at AWG conductors stranded | 1x (20 ... 16), 2x (20 ... 18) |

Communication/ Protocol

| | |
|-------------------------|---------|
| Design of the interface | without |
|-------------------------|---------|






Ambient conditions

| | |
|--|------|
| Explosion protection category for dust | none |
|--|------|

Installation/ mounting/ dimensions

| | |
|-------------------|--------------|
| Mounting position | any |
| Mounting type | screw fixing |

Certificates/ approvals

| | |
|--|---|
| General Product Approval | Declaration of Conformity |
|  CCC |  CSA |
|  UL |  UR |
|  EAC |  EG-Konf. |

| | |
|---------------------------|-------|
| Declaration of Conformity | other |
|---------------------------|-------|

[Miscellaneous](#)

[Confirmation](#)

Further information

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

www.siemens.com/sirius/catalogs

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SE5282-0HC05-8RA3>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE5282-0HC05-8RA3>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SE5282-0HC05-8RA3>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE5282-0HC05-8RA3&lang=en

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