

MAGNETIC SWITCH SWITCH BLOCK, RECTANGULAR LARGE  
25X88 MM, CONTACTS 1NC/1NO, WITH M8 PLUG 4-POLE, PIN  
ASSIGN.: PIN1=21, PIN2=22, PIN3=13, PIN4=14



Figure similar

|                                             |                              |
|---------------------------------------------|------------------------------|
| Product brand name                          | SIRIUS                       |
| Product designation                         | Magnetically operated switch |
| Design of the product                       | rectangular sensor unit      |
| Product type designation                    | 3SE66                        |
| Suitability for use safety-related circuits | Yes                          |

| General technical data                    |                                  |
|-------------------------------------------|----------------------------------|
| Product function                          |                                  |
| • positive opening                        | No                               |
| • cross-circuit/short-circuit recognition | Yes                              |
| Type of voltage of the operating voltage  | AC/DC                            |
| Protection class IP                       | IP67                             |
| Shock resistance                          |                                  |
| • acc. to IEC 60068-2-27                  | Sinusoidal half-wave 30g / 11 ms |
| Vibration resistance                      |                                  |
| • acc. to IEC 60068-2-6                   | 10 ... 55 Hz: 1 mm               |
| Equipment marking                         |                                  |

|                                                                     |                           |
|---------------------------------------------------------------------|---------------------------|
| • acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750 | S                         |
| • acc. to DIN EN 61346-2                                            | S                         |
| • acc. to DIN EN 81346-2                                            | S                         |
| <b>Type of voltage</b>                                              | AC/DC                     |
| <b>Height of the sensor</b>                                         | 13 mm                     |
| <b>Length of the sensor</b>                                         | 88 mm                     |
| <b>Width of the sensor</b>                                          | 25 mm                     |
| <b>Material of the active sensor area</b>                           | plastic                   |
| Operating voltage rated value                                       | 60 V                      |
| <b>Operating current rated value</b>                                | 400 mA                    |
| Operating power rated value                                         | 10 W                      |
| <b>Number of NC contacts</b>                                        |                           |
| • for auxiliary contacts                                            | 1                         |
| <b>Number of NO contacts</b>                                        |                           |
| • for auxiliary contacts                                            | 1                         |
| Number of CO contacts for auxiliary contacts                        | 0                         |
| <b>Enclosure</b>                                                    |                           |
| <b>Design of the housing</b>                                        | block                     |
| <b>Material of the enclosure</b>                                    | plastic                   |
| <b>Actuator</b>                                                     |                           |
| <b>Design of the operating mechanism</b>                            | magnet                    |
| <b>Contact</b>                                                      |                           |
| <b>Circuit principle</b>                                            | reed switches             |
| <b>Switching frequency</b>                                          | 5 Hz                      |
| <b>Safe operating distance OFF</b>                                  | 15 mm                     |
| <b>Safe operating distance ON</b>                                   | 5 mm                      |
| <b>Design of the switching function</b>                             | NC contact and NO contact |
| <b>Connections/Terminals</b>                                        |                           |
| <b>Type of electrical connection</b>                                | connector M8              |
| <b>Safety related data</b>                                          |                           |
| <b>Safety Integrity Level (SIL) acc. to IEC 61508</b>               | 3                         |
| <b>Performance level (PL) acc. to EN ISO 13849-1</b>                | e                         |
| <b>Category acc. to EN 954-1</b>                                    | 4                         |
| <b>Ambient conditions</b>                                           |                           |
| <b>Ambient temperature</b>                                          |                           |
| • during operation                                                  | -25 ... +70 °C            |
| • during storage and transport                                      | -25 ... +70 °C            |
| <b>Inputs/ Outputs</b>                                              |                           |
| <b>Type of switching output</b>                                     | Reed contacts             |

## Display

Evaluation version required

yes

## Installation/ mounting/ dimensions

Mounting type

screw fixing

## Certificates/approvals

| General<br>Product<br>Approval | Functional<br>Safety/Safety<br>of Machinery | Declaration of<br>Conformity | other |
|--------------------------------|---------------------------------------------|------------------------------|-------|
|--------------------------------|---------------------------------------------|------------------------------|-------|



[Miscellaneous](#)



EG-Konf.

[Confirmation](#)

[Miscellaneous](#)

## Further information

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

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

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SE6605-2BA01>

Cax online generator

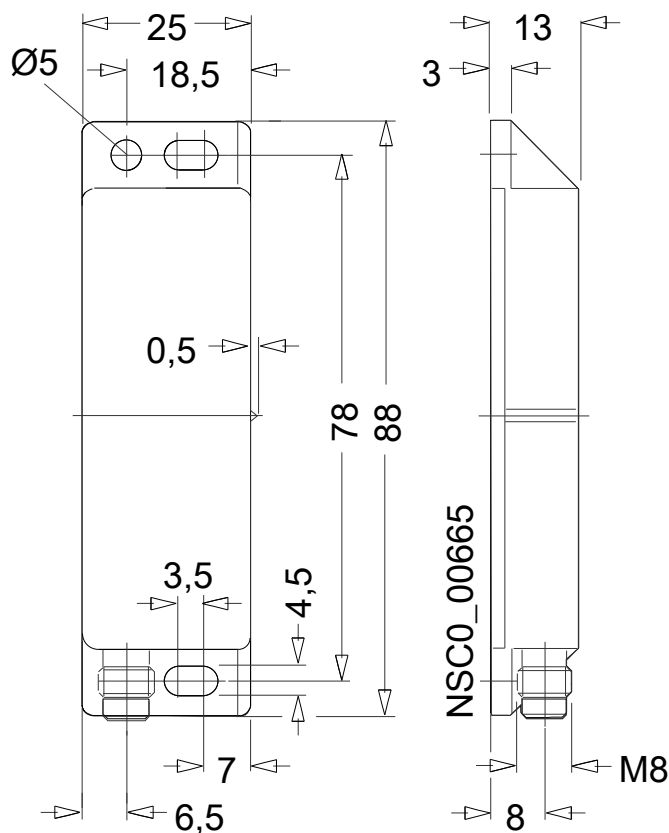
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE6605-2BA01>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SE6605-2BA01>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SE6605-2BA01&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE6605-2BA01&lang=en)



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