



|                       |  |                                            |
|-----------------------|--|--------------------------------------------|
| Product designation   |  | magnetically operated switch, switch block |
| Design of the product |  | rectangular sensor unit                    |

#### General technical data:

|                             |  |                                  |
|-----------------------------|--|----------------------------------|
| <b>Product function</b>     |  |                                  |
| • positive opening          |  | No                               |
| <b>Shock resistance</b>     |  |                                  |
| • acc. to IEC 60068-2-27    |  | Sinusoidal half-wave 30g / 11 ms |
| <b>Vibration resistance</b> |  |                                  |
| • acc. to IEC 60068-2-6     |  | 10 ... 55 Hz: 1 mm               |
| <b>Protection class IP</b>  |  | IP67                             |

#### Enclosure:

|                                  |  |         |
|----------------------------------|--|---------|
| <b>Design of the housing</b>     |  | block   |
| <b>Material of the enclosure</b> |  | plastic |
| <b>Material of cable sheath</b>  |  | PVC     |

#### Drive Head:

|                                          |  |                           |
|------------------------------------------|--|---------------------------|
| <b>Design of the operating mechanism</b> |  | magnet                    |
| <b>Design of the switching function</b>  |  | NC contact and NO contact |

#### Connections/ Terminals:

|                                      |  |           |
|--------------------------------------|--|-----------|
| <b>Type of electrical connection</b> |  | cable 5 m |
|--------------------------------------|--|-----------|

#### Safety related data:

|                                                       |  |      |
|-------------------------------------------------------|--|------|
| <b>Safety Integrity Level (SIL) acc. to IEC 61508</b> |  | SIL3 |
| <b>Performance level (PL) acc. to EN ISO 13849-1</b>  |  | e    |
| <b>Category acc. to EN 954-1</b>                      |  | 4    |

#### Ambient conditions:

##### Ambient temperature

- during operation
- during storage and transport

°C

-25 ... +70

°C

-25 ... +70

#### Inputs/ Outputs:

##### Type of switching output

Reed contacts

#### Display:

##### Evaluation version required

yes

#### Installation/ mounting/ dimensions:

##### Mounting type

screw fixing

#### Certificates/ approvals:

General Product  
Approval

Functional Safety/Safety of Machinery

other

[Type Examination  
Certificate](#)

[other](#)

[other](#)



#### Further information

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

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

##### Industry Mall (Online ordering system)

<http://www.siemens.com/industrymall>

##### Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE66053BA05>

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

<http://support.automation.siemens.com/WW/view/en/3SE66053BA05/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SE66053BA05&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE66053BA05&lang=en)

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