

MAGNETIC SWITCH SWITCH BLOCK 25XX88 MM, 2NC, WITH M8 PLUG 4-POLE,



Figure similar

<b>Product designation</b>	magnetically operated switch, switch block
<b>Design of the product</b>	rectangular sensor unit
Suitability for use safety-related circuits	Yes

General technical data:

<b>Product function</b>	
<ul style="list-style-type: none"> <li>• positive opening</li> <li>• cross-circuit/short-circuit recognition</li> </ul>	No No
Type of voltage of the operating voltage	AC/DC
<b>Protection class IP</b>	IP67
<b>Shock resistance</b>	
<ul style="list-style-type: none"> <li>• acc. to IEC 60068-2-27</li> </ul>	Sinusoidal half-wave 30g / 11 ms
<b>Vibration resistance</b>	
<ul style="list-style-type: none"> <li>• acc. to IEC 60068-2-6</li> </ul>	10 ... 55 Hz: 1 mm
<b>Equipment marking</b>	
<ul style="list-style-type: none"> <li>• acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750</li> <li>• acc. to DIN EN 61346-2</li> <li>• acc. to DIN EN 81346-2</li> </ul>	S S 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
<b>Mechanical installation condition for sensor</b>	no flush installation possible
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	2
<b>Number of NO contacts</b>	
• for auxiliary contacts	0
Number of CO contacts for auxiliary contacts	0

#### Enclosure:

<b>Design of the housing</b>	block
<b>Material of the enclosure</b>	plastic

#### Actuator:

<b>Design of the operating mechanism</b>	magnet
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#### Contact:

<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

#### Connections/ Terminals:

<b>Type of electrical connection</b>	connector M8
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#### 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:

<b>Ambient temperature</b>	
• during operation	-25 ... +70 °C
• during storage and transport	-25 ... +70 °C

#### Inputs/ Outputs:

<b>Type of switching output</b>	Reed contacts
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#### Display:

<b>Evaluation version required</b>	yes
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#### Installation/ mounting/ dimensions:

Mounting type

screw fixing

Certificates/approvals

General Product Approval	Functional Safety/Safety of Machinery	Declaration of Conformity	other
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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=3SE66042BA01>

Cax online generator

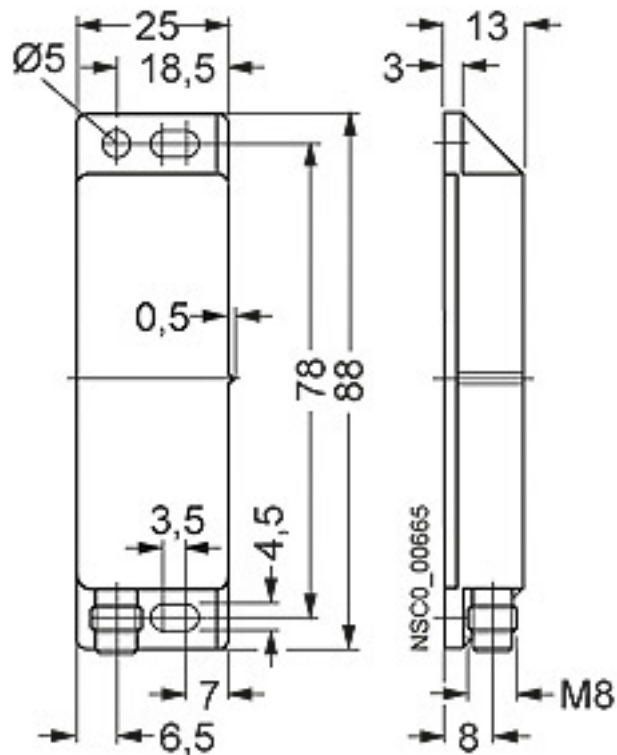
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE66042BA01>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SE66042BA01>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SE66042BA01&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE66042BA01&lang=en)



**last modified:**

07.12.2015