

CONTACT BLOCK, ROUND M30 AMBER, NO: MAK-5336-STK



Product brand name	SIRIUS
Product designation	Magnetically operated switch
Design of the product	round sensor unit, M30
Product type designation	3SE66
Suitability for use safety-related circuits	Yes

General technical data	
<b>Product function</b>	
<ul style="list-style-type: none"> <li>positive opening</li> </ul>	No
<ul style="list-style-type: none"> <li>cross-circuit/short-circuit recognition</li> </ul>	No
Type of voltage of the operating voltage	AC/DC
Protection class IP	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> </ul>	S
<ul style="list-style-type: none"> <li>acc. to DIN EN 61346-2</li> </ul>	S

• acc. to DIN EN 81346-2	S
<b>Type of voltage</b>	AC/DC
<b>Length of the sensor</b>	44 mm
<b>Diameter of the sensor</b>	30 mm
Operating voltage rated value	100 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>	cylinder, thread
<b>Material of the enclosure</b>	plastic
<b>Material of cable sheath</b>	PVC

<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>	cable, 3 m
<b>Wire length</b>	3 m

<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>Display</b>	
<b>Evaluation version required</b>	yes

<b>Installation/ mounting/ dimensions</b>	
<b>Mounting type</b>	screw fixing

## Certificates/approvals

General Product Approval	Functional Safety/Safety of Machinery	Declaration of Conformity	other
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[Miscellaneous](#)



[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?mfb=3SE6605-1BA>

### Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mfb=3SE6605-1BA>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SE6605-1BA>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mfb=3SE6605-1BA&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mfb=3SE6605-1BA&lang=en)

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