

SWITCHING MAGNET, RECTANGULAR, SMALL, AMBER, NO: TK-52-CD



Product brand name	SIRIUS
Product designation	Magnetically operated switch
Design of the product	coded magnet, rectangular
Product type designation	3SE67
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
<b>Protection class IP</b>	IP67
<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
<ul style="list-style-type: none"> <li>• acc. to DIN EN 81346-2</li> </ul>	S
<b>Height of the sensor</b>	13 mm
<b>Length of the sensor</b>	33 mm
<b>Width of the sensor</b>	25 mm
<b>Number of NC contacts</b>	

• for auxiliary contacts	0
<b>Number of NO contacts</b>	
• for auxiliary contacts	0
Number of CO contacts for auxiliary contacts	0

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

<b>Contact</b>	
Switching frequency	5 Hz

<b>Safety related data</b>	
Safety Integrity Level (SIL) acc. to IEC 61508	3
Performance level (PL) acc. to EN ISO 13849-1	e
Category acc. to EN 954-1	4

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

<b>Inputs/ Outputs</b>	
Type of switching output	Reed contacts

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

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

<b>Certificates/approvals</b>		
General Product Approval	Declaration of Conformity	other



[Confirmation](#)

### 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=3SE6704-3BA>

**Cax online generator**

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE6704-3BA>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SE6704-3BA>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SE6704-3BA&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE6704-3BA&lang=en)

last modified:

07/03/2017