

magnetically operated switch contact block rectangular large 25 x 88 mm, contact elements 1 NO+1 NC with 10 m cable, required solenoid 3SE6704-2BA or with increased operating distance 8 mm 3SE6701-2BA



Figure similar

<b>product brand name</b>	SIRIUS
<b>product designation</b>	Magnetically operated switch
<b>design of the product</b>	Rectangular sensor unit
<b>product type designation</b>	3SE66
suitability for use safety-related circuits	Yes
<b>General technical data</b>	
<b>product function</b>	
• positive opening	No
• cross-circuit/short-circuit recognition	Yes
type of voltage of the operating voltage	AC/DC
<b>protection class IP</b>	IP67
<b>shock resistance according to IEC 60068-2-27</b>	Sinusoidal half-wave 30g / 11 ms
<b>vibration resistance according to IEC 60068-2-6</b>	10 ... 55 Hz: 1 mm
<b>Substance Prohibitance (Date)</b>	07/01/2006
<b>Weight</b>	0.457 kg
<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>Ambient conditions</b>	
ambient temperature during operation	-25 ... +70 °C
<b>Control circuit/ Control</b>	
<b>type of voltage</b>	AC/DC
operating voltage rated value	100 V
<b>operational current rated value</b>	400 mA
operating power rated value	10 W
<b>number of NC contacts for auxiliary contacts</b>	1
<b>number of NO contacts for auxiliary contacts</b>	1
<b>Enclosure</b>	
<b>design of the housing</b>	block
<b>material of the enclosure</b>	plastic
<b>material of cable sheath</b>	PVC
<b>Actuator</b>	
<b>design of the actuating element</b>	magnet
<b>Display</b>	
<b>evaluation unit required</b>	yes
<b>Contact</b>	
<b>circuit principle</b>	reed switches
<b>switching frequency</b>	5 Hz

assured operating distance OFF	15 mm	
assured operating distance ON	5 mm	
design of the switching function	NC contact and NO contact	
<b>Installation/ mounting/ dimensions</b>		
fastening method	screw fixing	
<b>Connections/ Terminals</b>		
type of electrical connection	cable	
wire length	10 m	
<b>Inputs/ Outputs</b>		
type of switching output	Reed contacts	
<b>Safety related data</b>		
category according to EN 954-1	4	
ISO 13849		
performance level (PL) according to EN ISO 13849-1	e	
IEC 61508		
Safety Integrity Level (SIL) according to IEC 61508	3	
<b>Approvals Certificates</b>		
General Product Approval	EMV	Functional Safety



EG-Konf.



UL



RCM

[Miscellaneous](#)

other

Environment



[Confirmation](#)

[Environmental Confirmations](#)

**Further information**

Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

Information for data generation and storage

<https://support.industry.siemens.com/cs/ww/en/view/109995012>

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

<https://www.siemens.com/ic10>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SE6605-2BA10>

Cax online generator

<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE6605-2BA10>

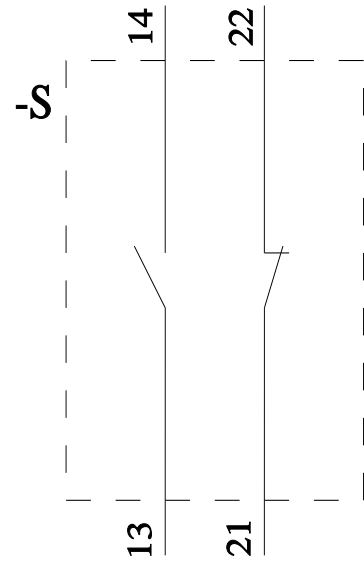
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3SE6605-2BA10>

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

[https://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SE6605-2BA10&lang=en](https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE6605-2BA10&lang=en)

<b>BK = Black</b>	→	<b>13</b>
<b>BU = Blue</b>	→	<b>14</b>
<b>WH = White</b>	→	<b>21</b>
<b>BN = Brown</b>	→	<b>22</b>



last modified:

9/6/2025 