

magnetically operated switch contact block rectangular large 25 x 88 mm, with 5 m cable, contact elements 1 NO+1 NC, required solenoid 3SE6704-2BA or with increased operating distance 8 mm 3SE6701-2BA



Figure similar

product brand name	SIRIUS
product designation	Magnetically operated switch
design of the product	Rectangular sensor unit
product type designation	3SE66
suitability for use safety-related circuits	Yes

### General technical data

product function	
• positive opening	No
• cross-circuit/short-circuit recognition	Yes
type of voltage of the operating voltage	AC/DC
protection class IP	IP67
shock resistance according to IEC 60068-2-27	Sinusoidal half-wave 30g / 11 ms
Substance Prohibition (Date)	07/01/2006
SVHC substance name	Lead - 7439-92-1 Lead monoxide (lead oxide) - 1317-36-8
height of the sensor	13 mm
length of the sensor	88 mm
width of the sensor	25 mm
material of the active sensor area	plastic

### Ambient conditions

ambient temperature during operation	-25 ... +70 °C
--------------------------------------	----------------

### Control circuit/ Control

type of voltage	AC/DC
operating voltage rated value	100 V
operational current rated value	400 mA
operating power rated value	10 W
number of NC contacts for auxiliary contacts	1
number of NO contacts for auxiliary contacts	1

### Enclosure

design of the housing	block
material of the enclosure	plastic
material of cable sheath	PVC

### Actuator

design of the actuating element	magnet
---------------------------------	--------

### Display

evaluation unit required	yes
--------------------------	-----

### Contact

circuit principle	reed switches
switching frequency	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	5 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

#### Approvals Certificates

General Product Approval

EMV



[Confirmation](#)



Functional Safety	other	Environment
-------------------	-------	-------------

[Miscellaneous](#)

[Confirmation](#)

[Environmental Confirmations](#)

#### Further information

Information on the packaging

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

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=3SE6605-2BA05>

Cax online generator

<http://support.automation.siemens.com/WW/CAOrder/default.aspx?lang=en&mlfb=3SE6605-2BA05>

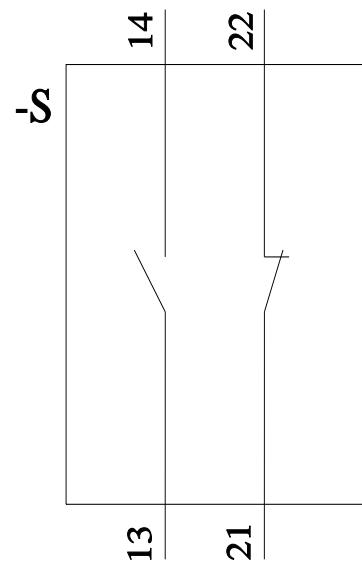
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3SE6605-2BA05>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SE6605-2BA05&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE6605-2BA05&lang=en)

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



---

last modified:

3/11/2024 