



Magnet switch Switching element, rectangular small 25 x 33 mm Contact elements 1 NC/1 NO with 3 m cable

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
<b>General technical data</b>	
product function	
• positive opening	No
• cross-circuit/short-circuit recognition	Yes
type of voltage of the operating voltage	DC
protection class IP	IP67
shock resistance according to IEC 60068-2-27	Sinusoidal half-wave 30g / 11 ms
vibration resistance according to IEC 60068-2-6	10 ... 55 Hz: 1 mm
reference code according to IEC 81346-2	S
Substance Prohibitance (Date)	07/01/2006
SVHC substance name	Bleimonoxyd (Bleioxyd) - 1317-36-8
height of the sensor	13 mm
length of the sensor	33 mm
width of the sensor	25 mm
material of the active sensor area	plastic
<b>Ambient conditions</b>	
ambient temperature during operation	-25 ... +70 °C
<b>Control circuit/ Control</b>	
type of voltage	DC
operating voltage rated value	24 V
operational current rated value	100 mA
operating power rated value	1 W
number of NC contacts for auxiliary contacts	1
number of NO contacts for auxiliary contacts	1
<b>Enclosure</b>	
design of the housing	block
material of the enclosure	plastic
material of cable sheath	PVC
<b>Actuator</b>	
design of the actuating element	magnet
<b>Display</b>	
evaluation unit required	yes
<b>Contact</b>	
circuit principle	reed switches
switching frequency	5 Hz

assured operating distance OFF	14 mm		
assured operating distance ON	4 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	3 m		
<b>Inputs/ Outputs</b>			
type of switching output	Reed contacts		
<b>Safety related data</b>			
Safety Integrity Level (SIL) according to IEC 61508	3		
performance level (PL) according to EN ISO 13849-1	e		
category according to EN 954-1	4		
<b>Certificates/ approvals</b>			
General Product Approval	EMV	Functional Safety	Declaration of Con- formity

[Confirmation](#)



[Miscellaneous](#)



Declaration of Con-  
formity

other



[Confirmation](#)

#### Further information

Siemens has decided to exit the Russian market (see here).

<https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business>

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

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=3SE6605-3BA>

Cax online generator

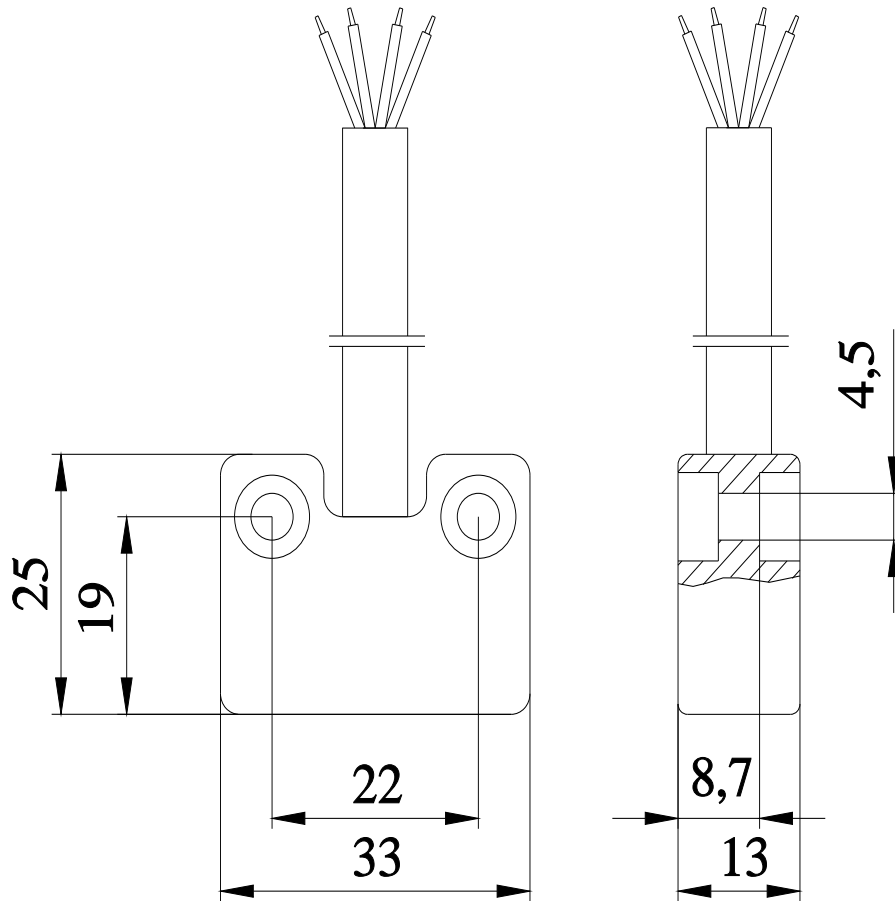
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE6605-3BA>

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

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

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

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



BK = Black	→	13
BU = Blue	→	14
WH = White	→	21
BN = Brown	→	22

