



Magnet switch Contact block 25 x 88 mm, for door hinge on the left Contact elements: Safety contacts 2 NC with M8 connector, 4-pole with combi connection Screw/latching connection with LED, the matching solenoid 3SE6714-2CA or offset by 90° 3SE6724-2CA

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
• control function for downstream devices	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	25 mm
length of the sensor	13 mm
width of the sensor	88 mm
material of the active sensor area	Plastic, glass-fiber reinforced thermoplastic
<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	10 mA
operating power rated value	0.24 W
number of NC contacts for auxiliary contacts	2
number of NC contacts safety-related	2
number of NO contacts for auxiliary contacts	0
number of NO contacts safety-related	0
<b>Enclosure</b>	
material of the enclosure	Plastic, glass-fiber reinforced thermoplastic
opening direction of the door	left
<b>Actuator</b>	
design of the actuating element	magnet
<b>Display</b>	
evaluation unit required	yes
<b>Contact</b>	

switching frequency	5 Hz
assured operating distance OFF	17 mm
assured operating distance ON	7 mm
design of the switching function	NC contact
number of switching contacts for signaling function	0
• safety-related	0
<b>Installation/ mounting/ dimensions</b>	
fastening method	screw fixing
<b>Connections/ Terminals</b>	
type of electrical connection	M8 connector, 4-pole
<b>Inputs/ Outputs</b>	
number of semiconductor outputs	
• for signaling function	0
• safety-related	0
number of outputs as contact-affected switching element	
• as NC contact	
— safety-related instantaneous contact	2
• as NO contact safety-related instantaneous contact	0
<b>Safety related data</b>	
B10 value with high demand rate according to SN 31920	12 500 000
Safety Integrity Level (SIL) according to IEC 61508	3
performance level (PL) according to EN ISO 13849-1	e
proportion of dangerous failures	
• with high demand rate according to SN 31920	50 %
T1 value for proof test interval or service life according to IEC 61508	20 a
category according to EN 954-1	4
<b>Certificates/ approvals</b>	
General Product Approval	EMV



[Confirmation](#)



Functional Safety

other

[Miscellaneous](#)

[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=3SE6614-4CA01>

Cax online generator

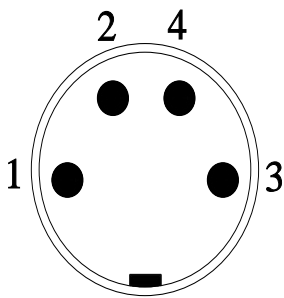
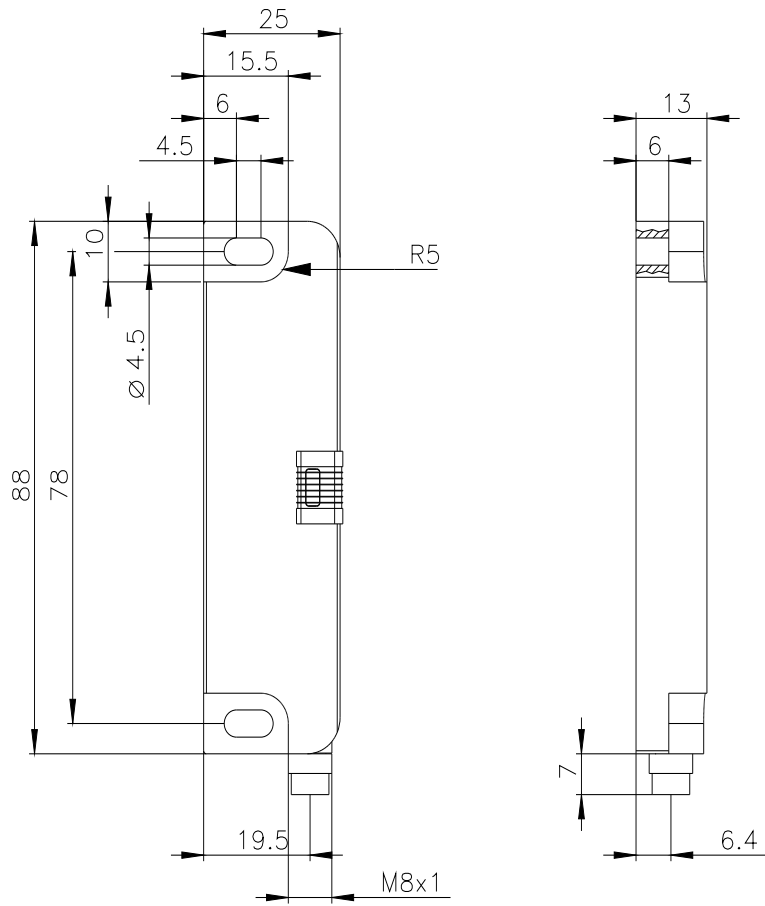
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE6614-4CA01>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SE6614-4CA01>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SE6614-4CA01&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE6614-4CA01&lang=en)



PIN 1	→	21(+)
PIN 2	→	22(-)
PIN 3	→	11
PIN 4	→	12

