



SIRIUS EVALUATION UNIT FOR MAGNET SWITCH 24 V DC,  
FOR 6 SENSORS (1NO/1NC),2FK,  
45MM WIDTH, 6 SIGN. OUTPUT EACH 20MA,  
USE UP TO CAT.3 ACCORD. EN954-1

### General technical details:

<b>product designation</b>		safety relays
<b>Design of the product</b>		evaluation unit, 45 mm
<b>Product function / control function of post-connected devices</b>		Yes
<b>Product function / cross circuit/short circuit recognition</b>		Yes
<b>Product function / positive opening</b>		No
<b>Output current / at the safety-related output / maximum</b>	A	6
<b>type of voltage</b>		DC
<b>Supply voltage</b>	V	24 ... 24
<b>Suitability for use / safety-related circuits</b>		Yes
<b>Number of semiconductor outputs</b>		6
<ul style="list-style-type: none"> <li>• for reporting function</li> </ul>		6
<b>Item designation / according to DIN 40719 extendable after IEC 204-2 / according to IEC 750</b>		A
<b>Item designation / according to DIN EN 61346-2</b>		K

### Enclosure:

<b>Type of mounting</b>		snap-on mounting
<b>Material</b>		plastic
<ul style="list-style-type: none"> <li>• of the enclosure</li> </ul>		plastic
<b>Height of the sensor</b>	mm	100

Length of the sensor	mm	120
Width of the sensor	mm	45
Mechanical installation condition for sensor		no flush installation possible

#### Contact:

Design of the switching function		NC contact and NO contact
Number of NC contacts / for auxiliary contacts		1
Number of NO contacts / for auxiliary contacts		2
Number of change-over switches / for auxiliary contacts		0
Number of switching contacts / for reporting function		6
Number of switching contacts / for reporting function / safety-related		2
Design of the switching output		relay contact
Type of switching output / of the PDF		relay contact

#### Ambient conditions:

Ambient temperature		
• during operating	°C	-25 ... +45

#### Certificates/approvals:

Protection class IP		IP20
Verification of suitability		CE / UL / CSA
Safety Integrity Level (SIL) / according to IEC 61508		SIL2
Performance level (PL) / according to ISO 13849-1		d
Category / according to EN 954-1		3
General Product Approval	Functional Safety / Safety of Machinery	Declaration of Conformity



#### Further information:

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

<http://www.siemens.com/industrial-controls/catalogs>

##### Industry Mall (Online ordering system)

<http://www.siemens.com/industrial-controls/mall>

##### CAX-Online-Generator

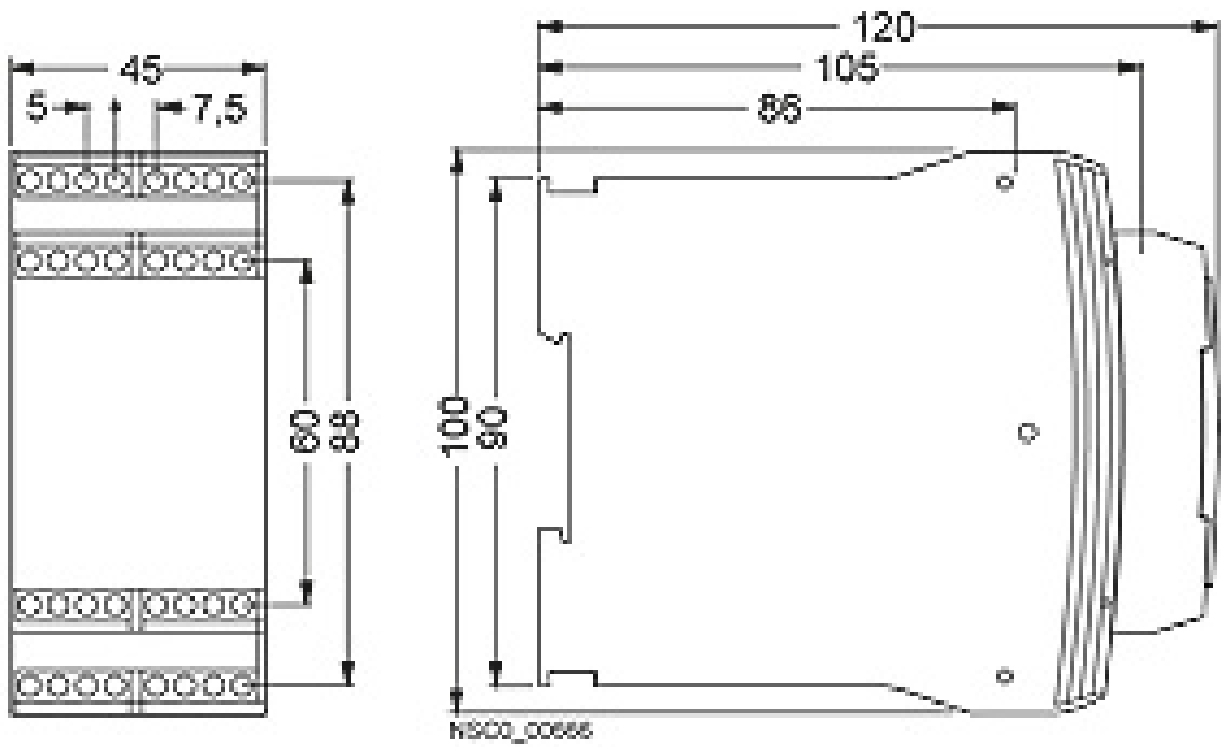
<http://www.siemens.com/cax>

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

<http://support.automation.siemens.com/WWW/view/en/3SE6806-2CD00/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3SE6806-2CD00](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3SE6806-2CD00)



last change:

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