

voltage reducer module for insulation monitoring relay 3UG4583 for expanding the supply voltage range to 690 V AC and 1000 V DC spring-loaded terminal (push-in)

<b>product brand name</b>	SIRIUS
<b>product designation</b>	Voltage reducer module
<b>product type designation</b>	3UG4
<b>General technical data</b>	
<b>product function</b>	Converter module
<b>type of voltage</b>	
• for monitoring	AC/DC
• of the operating voltage for actuation	AC/DC
• of the control supply voltage	AC/DC
<b>surge voltage resistance rated value</b>	8 000 V
<b>reference code according to IEC 81346-2</b>	K
<b>Substance Prohibitance (Date)</b>	05/01/2012
<b>Weight</b>	0.2 kg
<b>Product Function</b>	
<b>product function</b>	
• error memory	No
• adjustable open/closed-circuit current principle	Yes
• manual RESET	Yes
<b>Measuring circuit</b>	
<b>measurable line frequency</b>	15 ... 400 Hz
<b>measurable voltage at AC</b>	0 ... 690 V
<b>measurable voltage at DC</b>	0 ... 1 000 V
<b>Auxiliary circuit</b>	
<b>number of NC contacts for auxiliary contacts</b>	0
number of NC contacts delayed switching	0
<b>number of NO contacts for auxiliary contacts</b>	0
number of NO contacts delayed switching	0
<b>number of CO contacts</b>	
• delayed switching	0
<b>Main circuit</b>	
<b>operating frequency rated value</b>	15 ... 400 Hz
<b>Electrical Safety</b>	
<b>protection class IP on the front according to IEC 60529</b>	IP20
<b>Connections/ Terminals</b>	
<b>product component removable terminal for auxiliary and control circuit</b>	No
<b>type of electrical connection</b>	spring-loaded terminal (push-in)
<b>type of connectable conductor cross-sections</b>	
• solid	2x (0.5 ... 1.5 mm <sup>2</sup> )

<ul style="list-style-type: none"> <li>finely stranded with core end processing</li> <li>finely stranded without core end processing</li> <li>for AWG cables solid</li> <li>for AWG cables stranded</li> </ul>	2x (0.5 ... 1.5 mm <sup>2</sup> ) 2x (0.5 ... 1.5 mm <sup>2</sup> ) 2x (20 ... 16) 2x (18 ... 16)
<b>connectable conductor cross-section</b> <ul style="list-style-type: none"> <li>solid</li> <li>finely stranded with core end processing</li> <li>finely stranded without core end processing</li> </ul>	0.5 ... 1.5 mm <sup>2</sup> 0.5 ... 1.5 mm <sup>2</sup> 0.5 ... 1.5 mm <sup>2</sup>
<b>AWG number as coded connectable conductor cross section</b> <ul style="list-style-type: none"> <li>solid</li> <li>stranded</li> </ul>	20 ... 16 18 ... 16

**Installation/ mounting/ dimensions**

<b>mounting position</b>	any
<b>fastening method</b>	snap-on fastening on 35 mm DIN rail
<b>height</b>	78 mm
<b>width</b>	45 mm
<b>depth</b>	100 mm
<b>required spacing</b> <ul style="list-style-type: none"> <li>with side-by-side mounting               <ul style="list-style-type: none"> <li>forwards 0 mm</li> <li>backwards 0 mm</li> <li>upwards 0 mm</li> <li>downwards 0 mm</li> <li>at the side 0 mm</li> </ul> </li> <li>for grounded parts               <ul style="list-style-type: none"> <li>forwards 0 mm</li> <li>backwards 0 mm</li> <li>upwards 0 mm</li> <li>at the side 0 mm</li> <li>downwards 0 mm</li> </ul> </li> <li>for live parts               <ul style="list-style-type: none"> <li>forwards 0 mm</li> <li>backwards 0 mm</li> <li>upwards 0 mm</li> <li>downwards 0 mm</li> <li>at the side 0 mm</li> </ul> </li> </ul>	

**Ambient conditions**

ambient temperature during operation	-25 ... +60 °C
--------------------------------------	----------------

**Approvals Certificates**

General Product Approval	EMV
--------------------------	-----



EMV	Maritime application	other	Environment
-----	----------------------	-------	-------------

[KC](#)



[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=3UG4983-2AA01>

Cax online generator

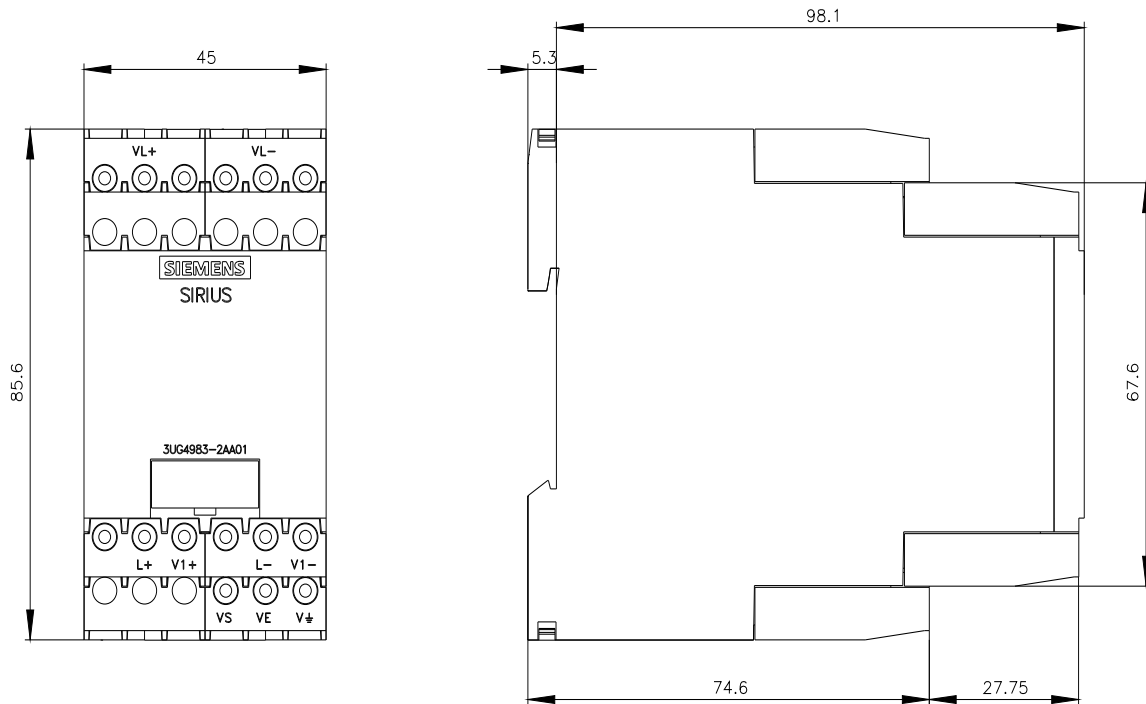
<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3UG4983-2AA01>

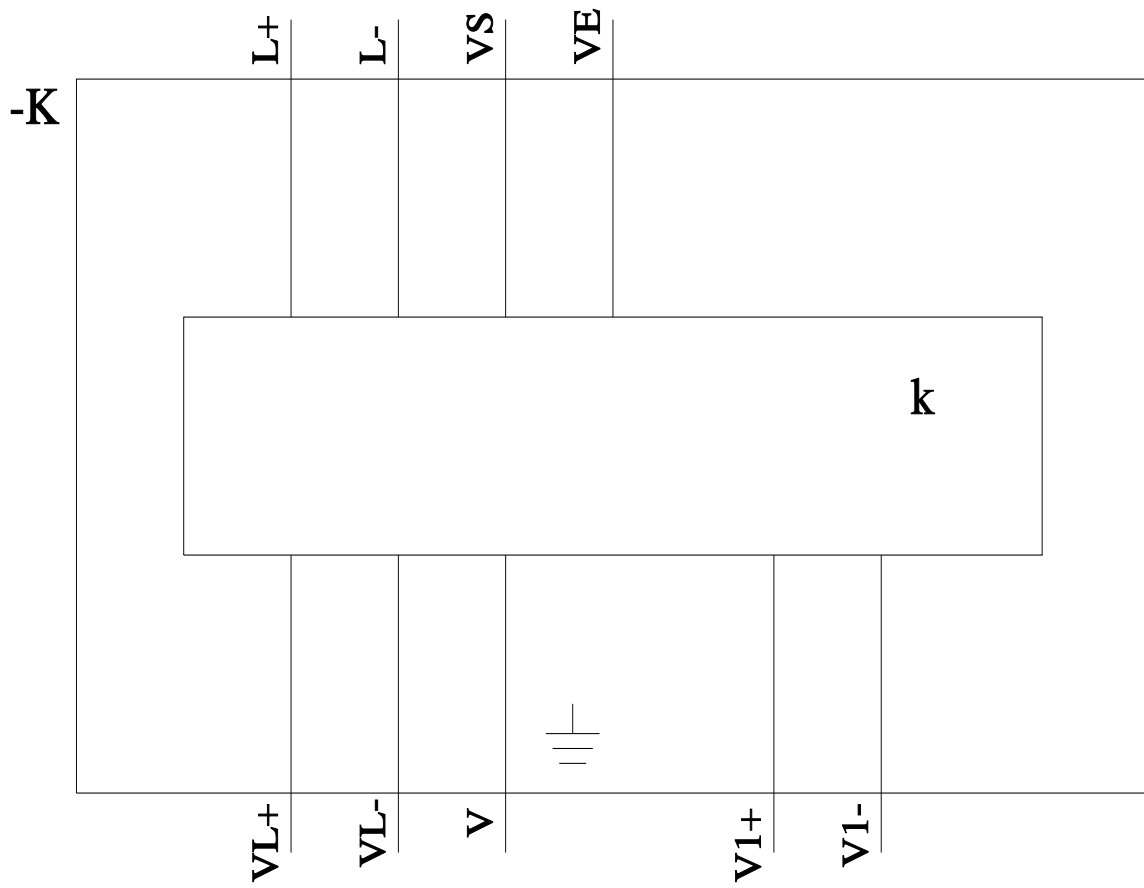
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3UG4983-2AA01>

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

[https://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3UG4983-2AA01&lang=en](https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3UG4983-2AA01&lang=en)





last modified:

10/18/2025 