



Voltage reducer module for insulation monitoring relay 3UG4583 for expanding the supply voltage range to 690 V AC and 1000 V DC screw terminal

product brand name	SIRIUS
product designation	Voltage reducer module
<b>General technical data</b>	
product function	Converter module
type of voltage	
• for monitoring	AC/DC
• of the operating voltage for actuation	AC/DC
• of the control supply voltage	AC/DC
surge voltage resistance rated value	8 000 V
protection class IP	IP20
reference code according to IEC 81346-2	K
Substance Prohibitance (Date)	05/01/2012
<b>Measuring circuit</b>	
measurable line frequency	15 ... 400 Hz
measurable voltage at AC	0 ... 690 V
<b>Auxiliary circuit</b>	
number of NC contacts for auxiliary contacts	0
number of NC contacts delayed switching	0
number of NO contacts for auxiliary contacts	0
number of NO contacts delayed switching	0
number of CO contacts	
• delayed switching	0
<b>Main circuit</b>	
operating frequency rated value	15 ... 400 Hz
<b>Connections/ Terminals</b>	
product component removable terminal for auxiliary and control circuit	No
type of electrical connection	screw-type terminals
type of connectable conductor cross-sections	
• solid	2x (0.75 ... 2.5 mm <sup>2</sup> )
• finely stranded with core end processing	2x (0.75 ... 2.5 mm <sup>2</sup> )
connectable conductor cross-section	
• solid	0.75 ... 2.5 mm <sup>2</sup>
• finely stranded with core end processing	0.75 ... 2.5 mm <sup>2</sup>
AWG number as coded connectable conductor cross section	
• solid	20 ... 12
• stranded	18 ... 14
tightening torque with screw-type terminals	0.6 ... 0.8 N·m
<b>Installation/ mounting/ dimensions</b>	

<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>	

<b>Ambient conditions</b>	
ambient temperature during operation	-25 ... +60 °C

**Certificates/ approvals**

<b>General Product Approval</b>	<b>EMC</b>	<b>Declaration of Con- formity</b>
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[Confirmation](#)



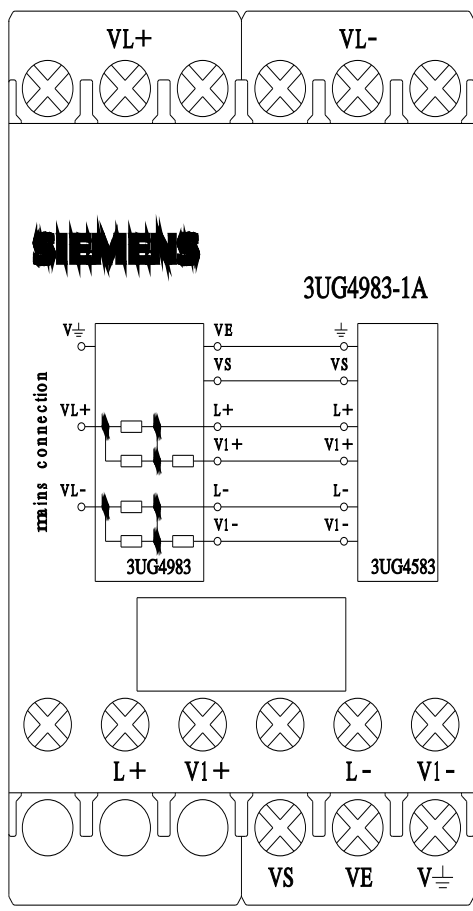
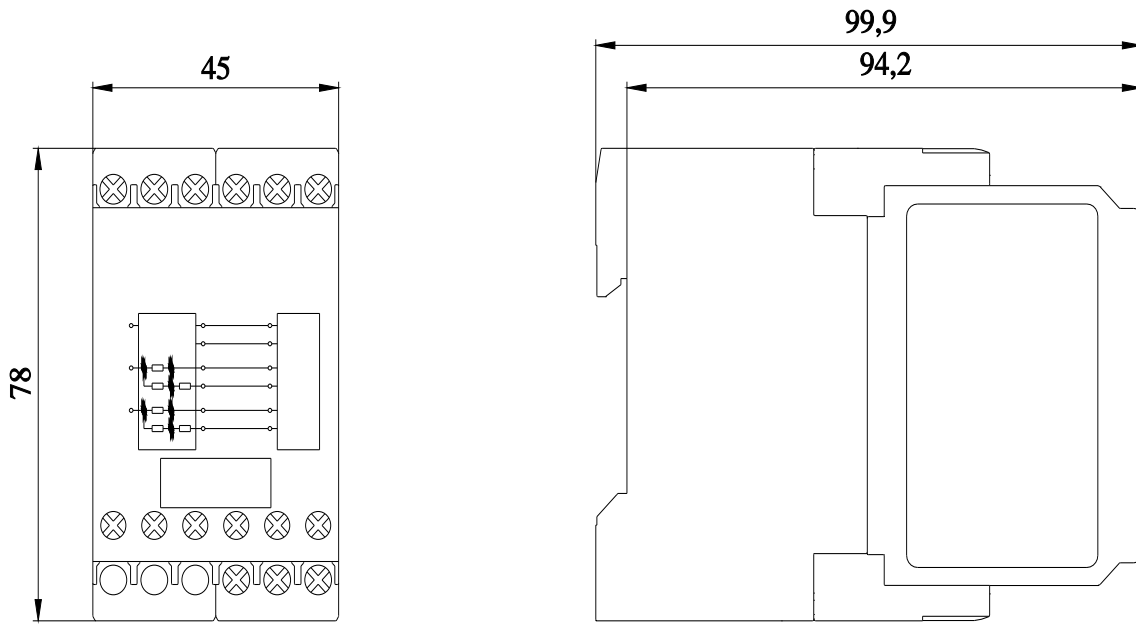
<b>Declaration of Con- formity</b>	<b>Marine / Shipping</b>	<b>other</b>
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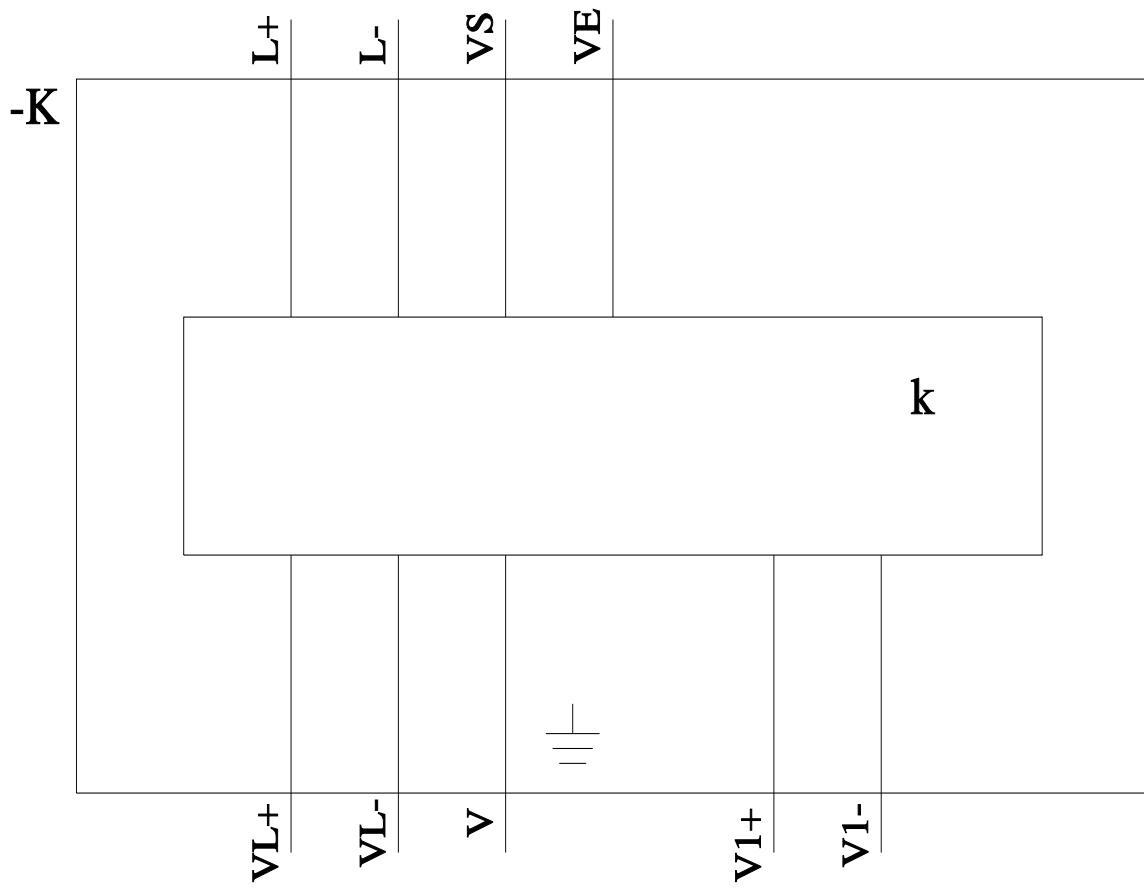


[Confirmation](#)

**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=3UG4983-1A>  
**Cax online generator**  
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3UG4983-1A>  
**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**  
<https://support.industry.siemens.com/cs/ww/en/ps/3UG4983-1A>  
**Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)**  
[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3UG4983-1A&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3UG4983-1A&lang=en)  
**Characteristic: Derating**  
<https://support.industry.siemens.com/cs/ww/en/ps/3UG4983-1A/manual>





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11/21/2022 