SIEMENS

Data sheet 3UG4983-1A



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
General technical data	
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 acc. to IEC 81346-2	K
Measuring circuit	
measurable line frequency	15 ... 400 Hz
Auxiliary circuit	
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
Main circuit	
operating frequency rated value	15 ... 400 Hz
Connections/ Terminals	
product function 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 mm²)
● finely stranded with core end processing	2x (0.75 ... 2.5 mm²)
● connectable conductor cross-section solid	0.75 ... 2.5 mm²
● connectable conductor cross-section finely stranded with core end processing	0.75 ... 2.5 mm²
● AWG number as coded connectable conductor cross section solid	20 ... 12
● AWG number as coded connectable conductor cross section stranded	18 ... 14
● tightening torque with screw-type terminals	0.6 ... 0.8 N·m

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Installation/ mounting/ dimensions	
mounting position	any
fastening method	snap-on fastening on 35 mm standard rail
height	78 mm
width	45 mm
depth	100 mm
required spacing	
● with side-by-side mounting	
— forwards	0 mm
— backwards	0 mm
— upwards	0 mm
— downwards	0 mm
— at the side	0 mm
● for grounded parts	
— forwards	0 mm
— backwards	0 mm
— upwards	0 mm
— at the side	0 mm
— downwards	0 mm
● for live parts	
— forwards	0 mm
— backwards	0 mm
— upwards	0 mm
— downwards	0 mm
— at the side	0 mm
Ambient conditions	
● ambient temperature during operation	-25 ... +60 °C

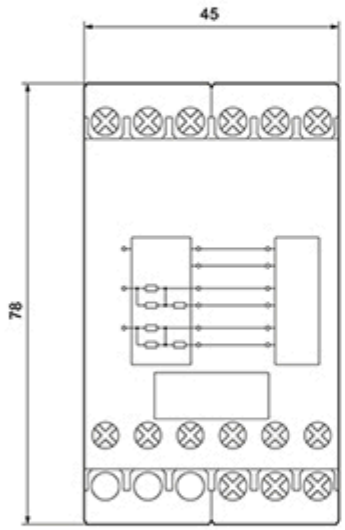
Certificates/ approvals

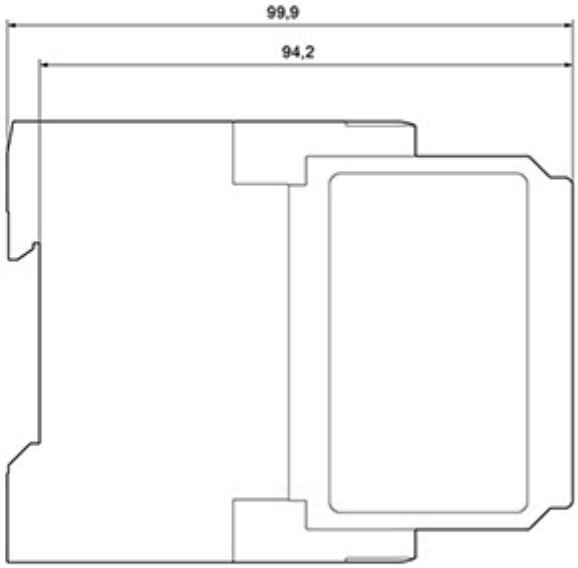
General Product Approval	EMC	Marine / Shipping	other
CCC UL RCM		DNV-GL	Confirmation

Further information

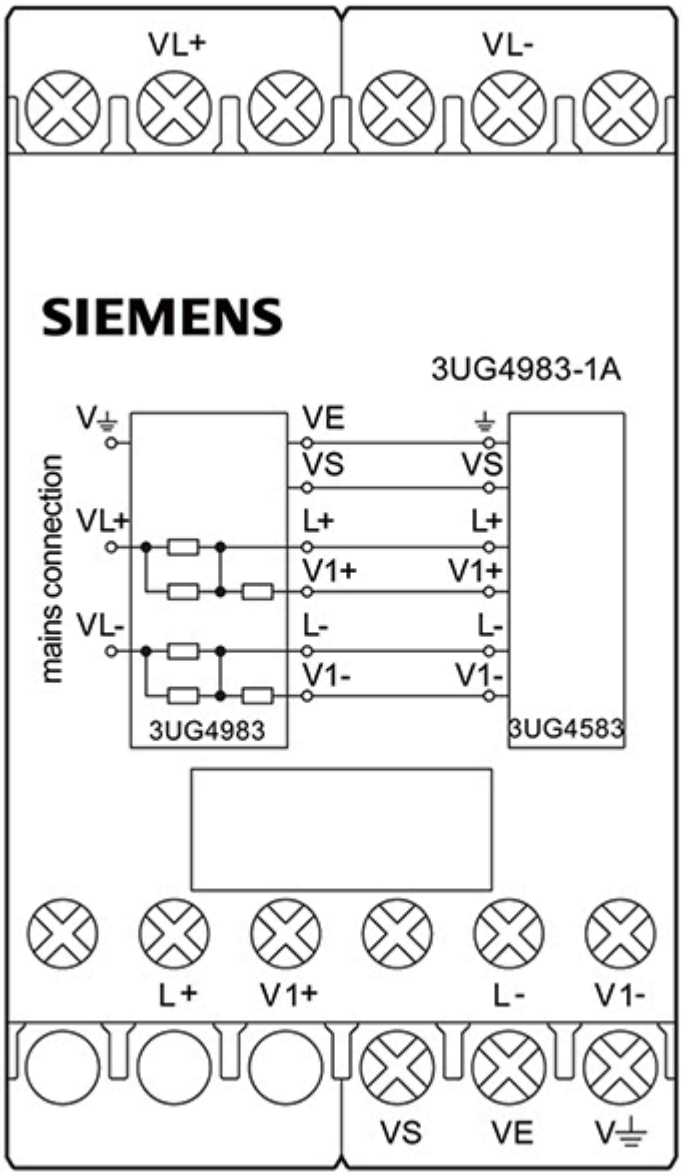
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Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3UG4983-1A
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
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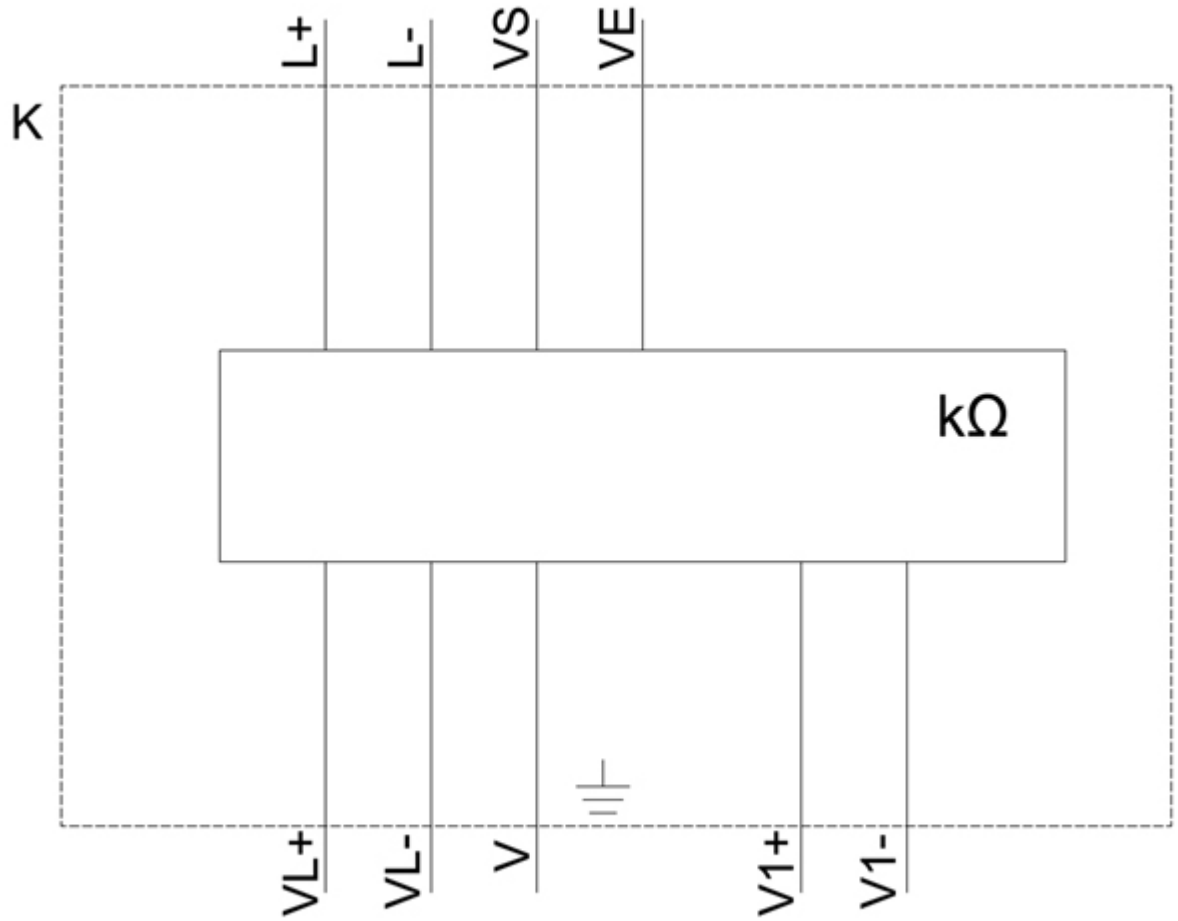




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