



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)

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 according to IEC 81346-2	K
Substance Prohibitation (Date)	05/01/2012
Product Function	
product function	
• adjustable open/closed-circuit current principle	Yes
• manual RESET	Yes
Measuring circuit	
measurable line frequency	15 ... 400 Hz
measurable voltage at AC	0 ... 690 V
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 component removable terminal for auxiliary and control circuit	No
type of electrical connection	spring-loaded terminals
type of connectable conductor cross-sections	
• solid	2x (0.5 ... 1.5 mm ²)
• finely stranded with core end processing	2x (0.5 ... 1.5 mm ²)
• finely stranded without core end processing	2x (0.5 ... 1.5 mm ²)
• for AWG cables solid	2x (20 ... 16)
• for AWG cables stranded	2x (18 ... 16)
connectable conductor cross-section	
• solid	0.5 ... 1.5 mm ²

finely stranded with core end processing	0.5 ... 1.5 mm ²
finely stranded without core end processing	0.5 ... 1.5 mm ²
AWG number as coded connectable conductor cross section	
solid	20 ... 16
stranded	18 ... 16

Installation/ mounting/ dimensions	
mounting position	any
fastening method	snap-on fastening on 35 mm DIN rail
height	78 mm
width	45 mm
depth	100 mm
required spacing	
- with side-by-side mounting - forwards - backwards - upwards - downwards - at the side - for grounded parts - forwards - backwards - upwards - at the side - downwards - for live parts - forwards - backwards - upwards - downwards - at the side	0 mm 0 mm 0 mm 0 mm 0 mm 0 mm 0 mm 0 mm 0 mm 0 mm 0 mm 0 mm 0 mm 0 mm 0 mm

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

Approvals Certificates	
General Product Approval	



[Confirmation](#)



EMV	Marine / Shipping	other	Environment
	KC 	Confirmation 	Environmental Confirmations

Further information

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=3UG4983-2AA01>

Cax online generator

<http://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, ...)

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3UG4983-2AA01&lang=en

Characteristic: Derating

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



