## **SIEMENS**

Data sheet 3UG4618-1CR20



!!! product phase-out !!! The preferred successor type is 3UG5618-1CR20 phase sequence phase failure 3x160-690 V screw digital monitoring relay for 3-phase voltage with N-conductor automatic phase sequence correction phase failure 3 x 90 to 400 V 50 to 60 Hz AC undervoltage and overvoltage 90-400 V hysteresis 1-20 V OFF delay 0-20 s asymmetry 0-20% 1 CO for phase correction 1 CO for power system faults screw terminal

Figure similar

product designation design of the product product type designation 3UG4  General technical data product type designation General technical data product function display version LED No design of the display LCD insulation voltage for overvoltage category Ill according to IEC 60664 • with degree of pollution 3 rated value degree of pollution type of voltage • for monitoring • for monitoring • for for monitoring • for for thortle supply voltage • for the control supply voltage • for monitoring • f	product brand name	SIRIUS
product type designation  General technical data  product function  display version LED  design of the display  insulation voltage for overvoltage category III according to IEC 80664  • with degree of pollution 3 rated value  degree of pollution  type of voltage  • for monitoring  • for monitoring  • of the control supply voltage  surge voltage resistance rated value  for voltage resistance according to IEC 60068-2-27  mechanical service life (operating cycles) typical  lelectrical endurance (operating cycles) at AC-15 at 230 V ypical  thermal current of the switching element with contacts  maximum  reference code according to IEC 81346-2  Krelative repeat accuracy  Substance Profibitiance (Date)  SVHC substance name  Lead - 7439-92-1  Lead monoxide (lead oxide) - 1317-36-8  Product Function  product function  • undervoltage detection  • vere voltage detection  • vere voltage detection  • phase failure detection  • phase failure detection  • phase failure detection  • phase failure detection  • vere voltage detection  • vere voltage detection or Yes  • undervoltage detection or Yes  • undervoltage detection 3 phase  • vere voltage window recognition 3 phase  • voltage window recognition or yes  • undervoltage detection 3 phase  • voltage window recognition or yes  • undervoltage detection 3 phase  • voltage window recognition or yes  • voltage window recognition	product designation	Network monitoring relay with digital setting
Ceneral technical data  product function Phase monitoring relay  display version LED No design of the display LCD  insulation voltage for overvoltage category III according to IEC 60664  • with degree of pollution 3 rated value 690 V degree of pollution 4 of the control supply voltage AC  • of the control supply voltage AC  surge voltage resistance rated value 6kV protection class IP IP20  shock resistance according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms  mechanical service life (operating cycles) typical 10 000 000 electrical endurance (operating cycles) at AC-15 at 230 V typical  thermal current of the switching element with contacts maximum reference code according to IEC 81346-2 K relative repeat accuracy 1% Substance Prohibitance (Date) 05/01/2012  SYHC substance name Lead - 7439-92-1 Lead monoxide (lead oxide) - 1317-36-8  Product Function  product function	design of the product	5 functions
product function Phase monitoring relay display version LED No design of the display insulation voltage for overvoltage category Ill according to IEC 60664  • with degree of pollution 3 rated value 690 V degree of pollution type of voltage • for monitoring AC  • of the control supply voltage AC surge voltage resistance rated value 6 kV protection class IP IP20 shock resistance according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms mechanical service life (operating cycles) typical 10 000 000 electrical endurance (operating cycles) typical 10 000 000  electrical endurance (operating cycles) at AC-15 at 230 V typical thermal current of the switching element with contacts maximum reference code according to IEC 81346-2 K relative repeat accuracy 1% Substance Prohibitance (Date) 55/01/2012 SVHC substance name Lead - 7439-92-1 Lead monoxide (lead oxide) - 1317-36-8  Product Function  • undervoltage detection Yes • overvoltage detection 9 phase • algustable open/closed-circuit current principle • ves • undervoltage detection 3 phase • voltage window recognition a formation and product current principle • ves • adjustable open/closed-circuit current principle	product type designation	3UG4
display version LED design of the display Insulation voltage for overvoltage category III according to IEC 60684  • with degree of pollution 3 rated value degree of pollution 3 type of voltage • for monitoring • for monitoring • of the control supply voltage  * for monitoring • of the control supply voltage  * for monitoring • for woltage resistance rated value 6 kV  protection class IP shock resistance according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms mechanical service life (operating cycles) typical electrical endurance (operating cycles) at AC-15 at 230 V typical thermal current of the switching element with contacts maximum reference code according to IEC 81346-2  K relative repeat accuracy 1 % Substance Prohibitance (Date)  SVHC substance name  Lead - 7439-92-1 Lead monoxide (lead oxide) - 1317-36-8  Product Function  product function • undervoltage detection • phase failure detection • phase failure detection • phase failure detection • phase failure detection • phase sequence recognition • phase failure detection • phase say window recognition 3 phase • voltage window recognition 3 phase • voltage window recognition 3 phase • voltage window recognition 1 gree • order window recognition 3 phase • adjustable open/closed-circuit current principle  No	General technical data	
design of the display  Insulation voltage for overvoltage category III according to IEC 60664  • with degree of pollution 3 rated value 690 V  degree of pollution 3 rated value 690 V  type of voltage • for monitoring AC • of the control supply voltage AC  surge voltage resistance rated value 6 kV  protection class IP shock resistance according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms  mechanical service life (operating cycles) typical 10 000 000  electrical endurance (operating cycles) at AC-15 at 230 V typical 4 thermal current of the switching element with contacts maximum reference code according to IEC 81346-2 K  relative repeat accuracy 1%  Substance Prohibitance (Date) 05/01/2012  SVHC substance name Lead - 7439-92-1 Lead monoxide (lead oxide) - 1317-36-8  Product Function  product function  • undervoltage detection Yes • overvoltage detection Yes • phase sequence recognition Yes • phase failure detection Yes • asymmetry detection Yes • asymmetry detection Yes • undervoltage detection 3 phase Yes • undervoltage detection 3 phase Yes • voltage window recognition 3 phase Yes • adjustable open/closed-circuit current principle No	product function	Phase monitoring relay
insulation voltage for overvoltage category III according to IEC 60664  • with degree of pollution 3 rated value 690 V  degree of pollution 3  type of voltage  • for monitoring AC  • of the control supply voltage AC  surge voltage resistance rated value 6 k/V  protection class IP IP20  shock resistance according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms  mechanical service life (operating cycles) typical 10 000 000  electrical endurance (operating cycles) typical 100 000  electrical endurance (operating cycles) at AC-15 at 230 V typical 100 000  thermal current of the switching element with contacts maximum reference code according to IEC 81346-2 K relative repeat accuracy 1%  Substance Prohibitance (Date) 05/01/2012  SVHC substance name Lead - 7439-92-1 Lead monoxide (lead oxide) - 1317-36-8  Product Function  product function Yes  • overvoltage detection Yes  • phase sequence recognition Yes  • phase squence recognition Yes  • asymmetry detection Yes  • undervoltage detection 3 phase  • voltage window recognition 3 phase  • adjustable open/closed-circuit current principle	display version LED	No
### Substance Prohibitance (Date)  ### Substance Prohibitance (Date)  ### Product Function    Froduct Function   Product Function   Product Function   Product Function   Product Function   Product Guert Parks of Acter Parks of Acte	design of the display	LCD
degree of pollution  type of voltage  • for monitoring • of the control supply voltage  • for monitoring • of the control supply voltage  surge voltage resistance rated value  protection class IP  shock resistance according to IEC 60068-2-27  sinusoidal half-wave 15g / 11 ms  mechanical service life (operating cycles) typical  electrical endurance (operating cycles) at AC-15 at 230 V typical  thermal current of the switching element with contacts  maximum  reference code according to IEC 81346-2  K  relative repeat accuracy  1 %  Substance Prohibitance (Date)  SYHC substance name  Lead - 7439-92-1 Lead monoxide (lead oxide) - 1317-36-8  Product Function  product function  • undervoltage detection • overvoltage detection • overvoltage detection • phase sequence recognition • phase saliure detection • phase siliure detection • ophase siliure detection • overvoltage detection 3 phase • undervoltage detection 3 phase • overvoltage detection 3 phase • adjustable open/closed-circuit current principle  No		
type of voltage  • for monitoring  • of the control supply voltage  AC  • of the control supply voltage  AC  Surge voltage resistance rated value  protection class IP    IP20  shock resistance according to IEC 60068-2-27  sinusoidal half-wave 15g / 11 ms  mechanical service life (operating cycles) typical  electrical endurance (operating cycles) at AC-15 at 230 V typical  thermal current of the switching element with contacts  maximum  reference code according to IEC 81346-2  K  relative repeat accuracy  1 %  Substance Prohibitance (Date)  SHC substance name  Lead - 7439-92-1 Lead monoxide (lead oxide) - 1317-36-8  Product Function  product function  • undervoltage detection  • overvoltage detection  • phase sequence recognition  • phase saquence recognition  • phase failure detection  • phase failure detection  • asymmetry detection  • overvoltage detection 3 phase  • undervoltage detection 3 phases  • undervoltage detection 3 phases  • undervoltage detection 3 phases  • undervoltage detection 3 phase  • voltage window recognition 3 phase  • adjustable open/closed-circuit current principle  No	with degree of pollution 3 rated value	690 V
• for monitoring • of the control supply voltage  surge voltage resistance rated value  protection class IP  shock resistance according to IEC 60068-2-27  mechanical service life (operating cycles) typical electrical endurance (operating cycles) typical electrical endurance (operating cycles) at AC-15 at 230 V typical thermal current of the switching element with contacts maximum  reference code according to IEC 81346-2  K relative repeat accuracy 1 % Substance Prohibitance (Date)  SYHC substance name  Lead - 7439-92-1 Lead monoxide (lead oxide) - 1317-36-8  Product Function  Product Function  • undervoltage detection • overvoltage detection • phase sequence recognition • phase failure detection • phase failure detection • overvoltage detection 3 phase • undervoltage detection 3 phases • voltage window recognition 3 phases • voltage window recognition 3 phase • voltage window recognition according to IEC 80068-2-27  sinusoidal half-wave 15g / 11 ms sinusoidal half-wave 15g / 11	degree of pollution	3
of the control supply voltage surge voltage resistance rated value protection class IP shock resistance according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms mechanical service life (operating cycles) typical electrical endurance (operating cycles) at AC-15 at 230 V typical thermal current of the switching element with contacts maximum reference code according to IEC 81346-2 krelative repeat accuracy 1 % Substance Prohibitance (Date) SVHC substance name Lead - 7439-92-1 Lead monoxide (lead oxide) - 1317-36-8  Product Function  o undervoltage detection o vervoltage detection o phase sequence recognition o phase failure detection o vervoltage detection 3 phase o undervoltage detection 3 phase o undervoltage detection 3 phases o undervoltage detection 3 phase o voltage window recognition 3 phase o voltage window recognition 3 phase o undervoltage detection 3 phase o voltage window recognition 3 phase o dijustable open/closed-circuit current principle	type of voltage	
surge voltage resistance rated value  protection class IP  shock resistance according to IEC 60068-2-27  sinusoidal half-wave 15g / 11 ms  mechanical service life (operating cycles) typical  electrical endurance (operating cycles) at AC-15 at 230 V typical  thermal current of the switching element with contacts maximum  reference code according to IEC 81346-2  k  relative repeat accuracy  Substance Prohibitance (Date)  SVHC substance name  Lead - 7439-92-1 Lead monoxide (lead oxide) - 1317-36-8  Product Function  product function  undervoltage detection  ves overvoltage detection  phase sequence recognition  syes overvoltage detection  asymmetry detection overvoltage detection 3 phase undervoltage detection 3 phase voltage window recognition 3 phase overlotage window recognition 3 phase overloge window recognition 3 phase odipustable open/closed-circuit current principle No	• for monitoring	AC
protection class IP  shock resistance according to IEC 60068-2-27  sinusoidal half-wave 15g / 11 ms  mechanical service life (operating cycles) typical electrical endurance (operating cycles) at AC-15 at 230 V typical  thermal current of the switching element with contacts maximum  reference code according to IEC 81346-2  K relative repeat accuracy  Substance Prohibitance (Date)  SVHC substance name  Lead - 7439-92-1 Lead monoxide (lead oxide) - 1317-36-8  Product Function  product function  • undervoltage detection • overvoltage detection • phase sequence recognition • phase sequence recognition • phase failure detection • asymmetry detection • asymmetry detection • overvoltage detection 3 phase • undervoltage detection 3 phases • undervoltage detection 3 phases • voltage window recognition 3 phase • voltage window recognition 3 phase • odjustable open/closed-circuit current principle  No	of the control supply voltage	AC
shock resistance according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms mechanical service life (operating cycles) typical electrical endurance (operating cycles) at AC-15 at 230 V typical thermal current of the switching element with contacts maximum reference code according to IEC 81346-2 K relative repeat accuracy 1 % Substance Prohibitance (Date)  SYHC substance name Lead - 7439-92-1 Lead monoxide (lead oxide) - 1317-36-8  Product Function  product function  undervoltage detection ves overvoltage detection phase sequence recognition phase sequence recognition symmetry detection asymmetry detection overvoltage detection 3 phase overvoltage detection 3 phase undervoltage detection 3 phase voltage window recognition 3 phase voltage voltage open/closed-circuit current principle No	surge voltage resistance rated value	6 kV
mechanical service life (operating cycles) typical electrical endurance (operating cycles) at AC-15 at 230 V typical thermal current of the switching element with contacts maximum  reference code according to IEC 81346-2 K relative repeat accuracy 1 % Substance Prohibitance (Date)  SVHC substance name Lead - 7439-92-1 Lead monoxide (lead oxide) - 1317-36-8  Product Function  Product function  • undervoltage detection • overvoltage detection • phase sequence recognition • phase failure detection • asymmetry detection • overvoltage detection 3 phase • overvoltage detection 3 phase • undervoltage detection 3 phase • voltage window recognition 3 phase • voltage window recognition 3 phase • adjustable open/closed-circuit current principle  No	protection class IP	IP20
electrical endurance (operating cycles) at AC-15 at 230 V typical  thermal current of the switching element with contacts maximum  reference code according to IEC 81346-2 K  relative repeat accuracy 1 1%  Substance Prohibitance (Date) 05/01/2012  SVHC substance name Lead - 7439-92-1 Lead monoxide (lead oxide) - 1317-36-8  Product Function  product function  • undervoltage detection Yes • overvoltage detection Yes • phase sequence recognition Yes • phase failure detection Yes • asymmetry detection Yes • undervoltage detection 3 phase Yes • undervoltage detection 3 phase Yes • voltage window recognition 3 phase Yes • adjustable open/closed-circuit current principle No	shock resistance according to IEC 60068-2-27	sinusoidal half-wave 15g / 11 ms
thermal current of the switching element with contacts maximum  reference code according to IEC 81346-2 K  relative repeat accuracy 1 %  Substance Prohibitance (Date) 05/01/2012  SVHC substance name Lead - 7439-92-1 Lead monoxide (lead oxide) - 1317-36-8  Product Function  product function  • undervoltage detection Yes • overvoltage detection Yes • phase sequence recognition Yes • phase failure detection Yes • asymmetry detection Yes • overvoltage detection 3 phase • undervoltage detection 3 phase • undervoltage detection 3 phase • voltage window recognition 3 phase • voltage window recognition 3 phase • adjustable open/closed-circuit current principle  No	mechanical service life (operating cycles) typical	10 000 000
reference code according to IEC 81346-2  relative repeat accuracy  1 %  Substance Prohibitance (Date)  5VHC substance name  Lead - 7439-92-1 Lead monoxide (lead oxide) - 1317-36-8  Product Function  product function  • undervoltage detection • overvoltage detection • phase sequence recognition • phase failure detection • asymmetry detection • overvoltage detection • yes • asymmetry detection • overvoltage detection 3 phase • overvoltage detection 3 phases • undervoltage detection 3 phases • voltage window recognition 3 phase • voltage window recognition 3 phase • adjustable open/closed-circuit current principle  No		100 000
relative repeat accuracy  Substance Prohibitance (Date)  SVHC substance name  Lead - 7439-92-1 Lead monoxide (lead oxide) - 1317-36-8  Product Function  product function  • undervoltage detection • overvoltage detection • phase sequence recognition • phase failure detection • asymmetry detection • overvoltage detection 3 phase • overvoltage detection 3 phases • undervoltage detection 3 phases • voltage window recognition 3 phase • adjustable open/closed-circuit current principle  No		5 A
Substance Prohibitance (Date)  SVHC substance name  Lead - 7439-92-1 Lead monoxide (lead oxide) - 1317-36-8  Product Function  product function  undervoltage detection phase sequence recognition phase failure detection saymmetry detection asymmetry detection overvoltage detection 3 phase undervoltage detection 3 phase undervoltage detection 3 phase voltage window recognition 3 phase adjustable open/closed-circuit current principle  No	reference code according to IEC 81346-2	K
SVHC substance name  Lead - 7439-92-1 Lead monoxide (lead oxide) - 1317-36-8  Product Function  product function  undervoltage detection overvoltage detection phase sequence recognition phase failure detection asymmetry detection overvoltage detection 3 phase undervoltage detection 3 phase voltage window recognition 3 phase adjustable open/closed-circuit current principle No	relative repeat accuracy	1 %
Product Function  product function  undervoltage detection phase sequence recognition phase failure detection asymmetry detection overvoltage detection ves asymmetry detection ves undervoltage detection 3 phase voltage window recognition 3 phase adjustable open/closed-circuit current principle  Lead monoxide (lead oxide) - 1317-36-8  Yes  Yes  Yes  Yes  Yes  Yes  Yes  Ye	Substance Prohibitance (Date)	05/01/2012
product function  • undervoltage detection Yes  • overvoltage detection Yes  • phase sequence recognition Yes  • phase failure detection Yes  • asymmetry detection Yes  • overvoltage detection 3 phase Yes  • undervoltage detection 3 phases Yes  • voltage window recognition 3 phase Yes  • adjustable open/closed-circuit current principle No	SVHC substance name	
<ul> <li>undervoltage detection</li> <li>overvoltage detection</li> <li>phase sequence recognition</li> <li>phase failure detection</li> <li>asymmetry detection</li> <li>overvoltage detection 3 phase</li> <li>undervoltage detection 3 phases</li> <li>voltage window recognition 3 phase</li> <li>voltage window recognition 3 phase</li> <li>adjustable open/closed-circuit current principle</li> </ul>	Product Function	
<ul> <li>overvoltage detection</li> <li>phase sequence recognition</li> <li>phase failure detection</li> <li>asymmetry detection</li> <li>overvoltage detection 3 phase</li> <li>undervoltage detection 3 phases</li> <li>voltage window recognition 3 phase</li> <li>voltage window recognition 3 phase</li> <li>adjustable open/closed-circuit current principle</li> <li>No</li> </ul>	product function	
<ul> <li>phase sequence recognition</li> <li>phase failure detection</li> <li>asymmetry detection</li> <li>overvoltage detection 3 phase</li> <li>undervoltage detection 3 phases</li> <li>voltage window recognition 3 phase</li> <li>yes</li> <li>adjustable open/closed-circuit current principle</li> </ul>	<ul> <li>undervoltage detection</li> </ul>	Yes
<ul> <li>phase failure detection</li> <li>asymmetry detection</li> <li>overvoltage detection 3 phase</li> <li>undervoltage detection 3 phases</li> <li>voltage window recognition 3 phase</li> <li>yes</li> <li>adjustable open/closed-circuit current principle</li> <li>No</li> </ul>	<ul> <li>overvoltage detection</li> </ul>	Yes
<ul> <li>asymmetry detection</li> <li>overvoltage detection 3 phase</li> <li>undervoltage detection 3 phases</li> <li>voltage window recognition 3 phase</li> <li>adjustable open/closed-circuit current principle</li> </ul> Yes No	<ul> <li>phase sequence recognition</li> </ul>	Yes
<ul> <li>overvoltage detection 3 phase</li> <li>undervoltage detection 3 phases</li> <li>voltage window recognition 3 phase</li> <li>adjustable open/closed-circuit current principle</li> </ul> Yes No	phase failure detection	Yes
<ul> <li>undervoltage detection 3 phases</li> <li>voltage window recognition 3 phase</li> <li>adjustable open/closed-circuit current principle</li> <li>No</li> </ul>	<ul> <li>asymmetry detection</li> </ul>	Yes
<ul> <li>voltage window recognition 3 phase</li> <li>adjustable open/closed-circuit current principle</li> <li>No</li> </ul>	<ul> <li>overvoltage detection 3 phase</li> </ul>	Yes
adjustable open/closed-circuit current principle     No	<ul> <li>undervoltage detection 3 phases</li> </ul>	Yes
	<ul> <li>voltage window recognition 3 phase</li> </ul>	Yes
• auto-RESET Yes	<ul> <li>adjustable open/closed-circuit current principle</li> </ul>	No
	• auto-RESET	Yes

Control circuit/ Control	
control supply voltage at AC	
at 50 Hz rated value	90 400 V
at 60 Hz rated value      at 60 Hz rated value	90 400 V
operating range factor control supply voltage rated value at AC at 50 Hz	
• initial value	1
• full-scale value	1
operating range factor control supply voltage rated value at AC at 60 Hz	
• initial value	1
full-scale value	1
Measuring circuit	
measurable voltage at AC	90 400 V
adjustable response delay time	2.4 22
with lower or upper limit violation	0.1 20 s
response time maximum	450 ms
accuracy of digital display	+/-1 digit
Precision	E 0/
relative metering precision  Auxiliary circuit	5 %
number of NC contacts delayed switching	0
, , ,	0
number of NO contacts delayed switching number of CO contacts	
for auxiliary contacts	2
delayed switching	2
operating frequency with 3RT2 contactor maximum	5 000 1/h
Main circuit	
number of poles for main current circuit	3
ampacity of the output relay at AC-15	
• at 250 V at 50/60 Hz	3 A
• at 400 V at 50/60 Hz	3 A
ampacity of the output relay at DC-13	
• at 24 V	1 A
• at 125 V	0.2 A
• at 250 V	0.1 A
operational current at 17 V minimum	5 mA
continuous current of the DIAZED fuse link of the output	4 A
relay Electromagnetic compatibility	
conducted interference	
due to burst according to IEC 61000-4-4	2 kV
due to conductor-earth surge according to IEC 61000-4-5	2 kV
due to conductor-conductor surge according to IEC	1 kV
61000-4-5	
field-based interference according to IEC 61000-4-3	10 V/m
electrostatic discharge according to IEC 61000-4-2	6 kV contact discharge / 8 kV air discharge
Galvanic isolation	
galvanic isolation	
between input and output	Yes
between the outputs	Yes
between the voltage supply and other circuits	Yes
Connections/ Terminals	V
product component removable terminal for auxiliary and control circuit	Yes
type of electrical connection	screw terminal
type of connectable conductor cross-sections	
• solid	1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²)
finely stranded with core end processing	1x (0.5 2.5 mm²), 2x (0.5 1.5 mm²)
• for AWG cables solid	2x (20 14)
for AWG cables stranded	2x (20 14)
connectable conductor cross-section	

• solid	0.5 4 mm²
finely stranded with core end processing	0.5 2.5 mm²
AWG number as coded connectable conductor cross section	
• solid	20 14
• stranded	20 14
tightening torque with screw-type terminals	0.8 1.2 N·m
Installation/ mounting/ dimensions	
mounting position	any
fastening method	snap-on mounting
height	102 mm
width	22.5 mm
depth	91 mm
required spacing	
<ul><li>with side-by-side mounting</li></ul>	
— forwards	0 mm
— backwards	0 mm
— upwards	0 mm
— downwards	0 mm
— at the side	0 mm
<ul> <li>for grounded parts</li> </ul>	
— 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	
installation altitude at height above sea level maximum	2 000 m
ambient temperature	
<ul> <li>during operation</li> </ul>	-25 +60 °C
during storage	-40 +85 °C
during transport	-40 +85 °C
Approvals Certificates	
Ganaral Braduct Approval	

## General Product Approval





Confirmation







EMV Test Certificates Marine / Shipping



<u>KC</u>

Type Test Certificates/Test Report

Special Test Certificate





other Railway Environment

Confirmation Special Test Certificate

Environmental Confirmations

## Further information

Information on the packaging

https://support.industry.siemens.com/cs/ww/en/view/109813875

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

Industry Mall (Online ordering system)
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3UG4618-1CR20

Cax online generator

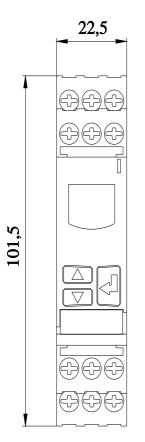
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3UG4618-1CR20

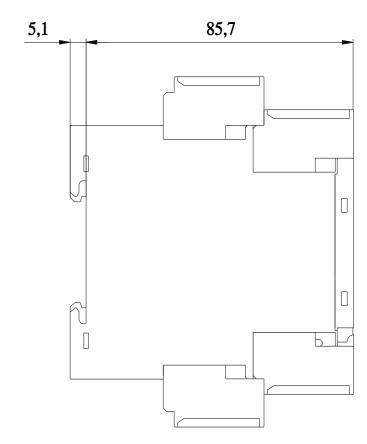
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) <a href="http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3UG4618-1CR20&lang=en">http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3UG4618-1CR20&lang=en</a>

Characteristic: Derating

https://support.industry.siemens.com/cs/ww/en/ps/3UG4618-1CR20/manual





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