## **SIEMENS**

Data sheet 3UG4511-1BP20



Analog monitoring relay Phase sequence monitoring 3 x 320...500 V 50...60 Hz AC 2 change-over contacts screw terminal Successor product for 3UG3511-1BQ50

product brand name   SIRUS				
design of the product product type designation 3uG4    Ceneral technical data	product brand name	SIRIUS		
product type designation  General technical data product function display version LED insulation voltage for overvoltage category III according to IEC 60664  • with degree of pollution 3 attention 3 attention 3 attention 3 attention 4 control tape 7 control tape 5 control tape 5 control tape 6 control tape 7 control tape 8 control tape 9 control tap	product designation	Line monitoring relay		
product function Phase monitoring relay  display version LED Yes  insulation voltage for overvoltage category III 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  ### Protect Function  ### Product Function  ### Pro	design of the product	1 function		
product function  display version LED  res  insulation voltage for overvoltage category Ill according to IEC 60664  • with degree of pollution 3 rated value  degree of pollution  3  type of voltage  • for monitoring  of the control supply voltage  surge voltage resistance rated value  6 kV  protection class IP  protection class IP  sinusoidal half-wave 15g / 11 ms  vibration resistance according to IEC 60068-2-27  vibration resistance according to IEC 60068-2-27  sinusoidal half-wave 15g / 11 ms  vibration resistance according to IEC 60068-2-27  isinusoidal half-wave 15g / 11 ms  vibration resistance according to IEC 60068-2-27  isinusoidal half-wave 15g / 11 ms  vibration resistance according to IEC 60068-2-27  isinusoidal half-wave 15g / 11 ms  vibration resistance according to IEC 60068-2-27  isinusoidal half-wave 15g / 11 ms  vibration resistance according to IEC 60068-2-27  isinusoidal half-wave 15g / 11 ms  vibration resistance according to IEC 60068-2-27  isinusoidal half-wave 15g / 11 ms  vibration resistance according to IEC 60068-2-27  isinusoidal half-wave 15g / 11 ms  vibration resistance according to IEC 60068-2-27  isinusoidal half-wave 15g / 11 ms  vibration resistance according to IEC 60068-2-27  isinusoidal half-wave 15g / 11 ms  vibration resistance according to IEC 60068-2-27  isinusoidal half-wave 15g / 11 ms  vibration resistance according to IEC 60068-2-27  isinusoidal half-wave 15g / 11 ms  vibration resistance according to IEC 60068-2-27  isinusoidal half-wave 15g / 11 ms  vibration resistance according to IEC 60068-2-27  isinusoidal half-wave 15g / 11 ms  vibration resistance according to IEC 60068-2-27  isinusoidal half-wave 15g / 11 ms  vibration resistance according to IEC 60068-2-27  isinusoidal half-wave 15g / 11 ms  vibration resistance according to IEC 60068-2-27  isinusoidal half-wave 15g / 11 ms  isinusoid	product type designation	3UG4		
display version LED insulation voltage for overvoltage category III according to IEC 60664  • with degree of pollution 3 type of voltage • for monitoring AC • of the control supply voltage • for monitoring 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 vibration resistance according to IEC 60068-2-6 1 6 Hz: 15 mm, 6 500 Hz: 2g 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 Ksubstance Prohibitance (Date)  Product Function  product function  • undervoltage detection • overvoltage detection • ophase sequence recognition • phase failure detection • osymmetry detection • osymmetry detection • osymmetry detection • overvoltage detection 3 phase • undervoltage detection 3 phase • undervoltage detection 3 phase • voltage window recognition 3 phase • overlotesed efficient current principle • auto-RESET  Control circuit/ Control  control supply voltage at AC • at 50 Hz rated value  9 40	General technical data			
Insulation voltage for overvoltage category III according to IEC 60664  • with degree of pollution  type of voltage  • for monitoring  • of the control supply voltage  • for monitoring  • of the control supply voltage  • for monitoring  • of the control supply voltage  • for monitoring  • of the control supply voltage  • for worth cass IP  protection class IP  shock resistance according to IEC 60068-2-27  sinusoidal half-wave 15g / 11 ms  vibration resistance according to IEC 60068-2-6  mechanical service life (operating cycles) typical  electrical endurance (operating cycles) typical  nelectrical 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  Substance Prohibitance (Date)  Product Function  product function  • undervoltage detection  • overvoltage detection 3 phase  • undervoltage detection 3 phase  • voltage window recognition 3 phase  • adjustable open/closed-circuit current principle  • auto-RESET  Control circuit/ Control  control supply voltage at AC  • at 50 Hz rated value	product function	Phase monitoring relay		
### Substance Prohibitance (Date)  ### Substance Prohibitance (Date)  ### Product Function  ### Product Functi	display version LED	Yes		
degree of pollution  type of voltage  of monitoring of the control supply voltage AC  surge voltage resistance rated value protection class IP shock resistance according to IEC 60068-2-6  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  Substance Prohibitance (Date)  Product Function  undervoltage detection ophase sequence recognition ophase sequence recognition ophase sequence recognition operating shase ovoltage window recognition 3 phase ovoltage vindow recognition 3 phase ovoltage window recogniti				
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  shock resistance according to IEC 60068-2-27  vibration resistance according to IEC 60068-2-6  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  Substance Prohibitance (Date)  Product Function  product function  • undervoltage detection  • overvoltage detection  • phase sequence recognition  • phase failure detection  • ophase failure detection  • overvoltage detection 3 phase  • undervoltage detection 3 phase  • voltage window recognition 3 phase  • voltage window recognition 3 phase  • adjustable open/closed-circuit current principle  • auto-RESET  Control circuit/ Control  control supply voltage at AC  • at 50 Hz rated value	with degree of pollution 3 rated value	690 V		
of the control supply voltage     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     vibration resistance according to IEC 60068-2-6     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     Substance Prohibitance (Date)  Product Function      undervoltage detection     overvoltage detection     overvoltage detection     overvoltage detection     ophase sequence recognition     overvoltage detection     overvoltage detection No     overvoltage detection Sphase     voltage window recognition 3 phases     voltage window recognition 3 phases     voltage window recognition 3 phases     voltage window recognition 3 phase     voltage hand or recognition No     auto-RESET     res  Control supply voltage at AC     ot 50 Hz rated value	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     vibration resistance according to IEC 60068-2-6     1 6 Hz: 15 mm, 6 500 Hz: 2g     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 Substance Prohibitance (Date)  Product Function  product function      • undervoltage detection     • overvoltage detection     • phase sequence recognition     • phase failure detection     • overvoltage detection     • overvoltage detection 3 phase     • undervoltage detection 3 phase     • undervoltage detection 3 phases     • voltage window recognition 3 phase     • voltage window recognition 3 phase     • voltage window recognition current principle     • auto-RESET     Control circuit/ Control  control supply voltage at AC     • at 50 Hz rated value  AC  AC   AC  1 P20  PP20  I D20  I D30  I D3	type of voltage			
surge voltage resistance rated value  protection class IP  shock resistance according to IEC 60068-2-27  vibration resistance according to IEC 60068-2-6  inchalical 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 Substance Prohibitance (Date)  Product Function  product function  e undervoltage detection  o phase sequence recognition  e phase failure detection  o evervoltage detection  o evervoltage detection  o evervoltage detection  o voervoltage detection  o undervoltage detection  o undervoltage detection  o voervoltage detection No  o voervoltage detection No  o voervoltage detection No  o voervoltage detection 3 phase  o undervoltage detection 3 phases  o voltage window recognition 3 phase  o voltage window recognition 3 phase  o voltage window recognition 3 phase  o adjustable open/closed-circuit current principle  o auto-RESET  Control circuit/ Control  control supply voltage at AC  o at 50 Hz rated value  6 KV  in microl in mic	<ul> <li>for monitoring</li> </ul>	AC		
protection class IP  shock resistance according to IEC 60068-2-27  sinusoidal half-wave 15g / 11 ms  vibration resistance according to IEC 60068-2-6  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 Substance Prohibitance (Date)  product Function  product function  • undervoltage detection • overvoltage detection • phase failure detection • phase failure detection • asymmetry detection • overvoltage detection • overvoltage detection • undervoltage detection • phase failure detection • phase failure detection • overvoltage detection • overvoltage detection 3 phase • undervoltage detection 3 phases • undervoltage detection 3 phases • voltage window recognition 3 phases • adjustable open/closed-circuit current principle • auto-RESET  Control circuit/ Control  control supply voltage at AC • at 50 Hz rated value	of the control supply voltage	AC		
shock resistance according to IEC 60068-2-27  sinusoidal half-wave 15g / 11 ms  vibration resistance according to IEC 60068-2-6  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  Substance Prohibitance (Date)  Product Function  product function  • undervoltage detection • overvoltage detection • phase failure detection • phase failure detection • asymmetry detection • overvoltage detection 3 phase • undervoltage 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 • auto-RESET  Control circuit/ Control  control supply voltage at AC • at 50 Hz rated value	surge voltage resistance rated value	6 kV		
vibration resistance according to IEC 60068-2-6  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 Substance Prohibitance (Date)  Product Function  product function  • undervoltage detection • overvoltage detection • phase sequence recognition • phase failure detection • phase failure detection • overvoltage detection 3 phase • undervoltage detection 3 phase • undervoltage detection 3 phase • voltage window recognition 3 phase • adjustable open/closed-circuit current principle • auto-RESET  Control circuit/ Control  control supply voltage at AC • at 50 Hz rated value	protection class IP	IP20		
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  Substance Prohibitance (Date)  Product Function  product function  • undervoltage detection • overvoltage detection • phase sequence recognition • phase failure detection • overvoltage detection 3 phase • undervoltage detection 3 phases • voltage window recognition 3 phase • voltage window recognition 3 phase • adjustable open/closed-circuit current principle • auto-RESET  Control circuit/ Control  control supply voltage at AC • at 50 Hz rated value	shock resistance according to IEC 60068-2-27	sinusoidal half-wave 15g / 11 ms		
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 Substance Prohibitance (Date) 05/01/2012  Product Function  product function  • undervoltage detection No • overvoltage detection No • phase sequence recognition Yes • phase failure detection No • asymmetry detection No • overvoltage detection No • overvoltage detection No • at a ymmetry detection No • overvoltage detection 3 phase No • undervoltage detection 3 phases No • undervoltage detection 3 phases No • voltage window recognition 3 phase No • adjustable open/closed-circuit current principle No • auto-RESET Yes  Control circuit/ Control  control supply voltage at AC • at 50 Hz rated value 320 500 V	vibration resistance according to IEC 60068-2-6	1 6 Hz: 15 mm, 6 500 Hz: 2g		
thermal current of the switching element with contacts maximum  reference code according to IEC 81346-2  Substance Prohibitance (Date)  Product Function  product function  • undervoltage detection • overvoltage detection • phase sequence recognition • phase sequence recognition • asymmetry detection • overvoltage detection • No • overvoltage detection • No • adjustable open/closed-circuit current principle • auto-RESET  Control circuit/ Control  control supply voltage at AC • at 50 Hz rated value	mechanical service life (operating cycles) typical	10 000 000		
reference code according to IEC 81346-2  Substance Prohibitance (Date)  Product Function  product function  • undervoltage detection • undervoltage detection • phase sequence recognition • phase failure detection • asymmetry detection • overvoltage detection 3 phase • undervoltage detection 3 phase • undervoltage detection 3 phases • voltage window recognition 3 phase • voltage window recognition 3 phase • adjustable open/closed-circuit current principle • auto-RESET  Control circuit/ Control  control supply voltage at AC • at 50 Hz rated value		100 000		
Substance Prohibitance (Date)  Product Function  product function  • undervoltage detection • overvoltage detection • phase sequence recognition • phase failure detection • phase failure detection • overvoltage detection • No • asymmetry detection • No • overvoltage detection 3 phase • undervoltage detection 3 phases • voltage window recognition 3 phase • voltage window recognition 3 phase • adjustable open/closed-circuit current principle • auto-RESET  Control circuit/ Control  control supply voltage at AC • at 50 Hz rated value		5 A		
Product Function  product function  undervoltage detection  overvoltage detection  phase sequence recognition  phase failure detection  overvoltage detection  No  asymmetry detection  overvoltage detection 3 phase  undervoltage detection 3 phases  voltage window recognition 3 phase  voltage window recognition 3 phase  adjustable open/closed-circuit current principle  auto-RESET  Control circuit/ Control  control supply voltage at AC  at 50 Hz rated value  No  No  320 500 V	reference code according to IEC 81346-2	K		
product function  • undervoltage detection  • overvoltage detection  • phase sequence recognition  • phase failure detection  • phase failure detection  • overvoltage detection  • overvoltage detection 3 phase  • undervoltage detection 3 phases  • voltage window recognition 3 phase  • voltage window recognition 3 phase  • adjustable open/closed-circuit current principle  • auto-RESET  Control circuit/ Control  control supply voltage at AC  • at 50 Hz rated value  No  No  No  320 500 V	Substance Prohibitance (Date)	05/01/2012		
<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> <li>auto-RESET</li> <li>Control circuit/ Control</li> <li>control supply voltage at AC</li> <li>at 50 Hz rated value</li> <li>No</li> <li>320 500 V</li> </ul>	Product Function			
<ul> <li>overvoltage detection</li> <li>phase sequence recognition</li> <li>phase failure detection</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>auto-RESET</li> <li>Yes</li> </ul> Control circuit/ Control control supply voltage at AC <ul> <li>at 50 Hz rated value</li> <li>320 500 V</li> </ul>	product function			
phase sequence recognition     phase failure detection     phase failure detection     asymmetry detection     overvoltage detection 3 phase     undervoltage detection 3 phases     voltage window recognition 3 phase     voltage window recognition 3 phase     adjustable open/closed-circuit current principle     auto-RESET     Yes  Control circuit/ Control  control supply voltage at AC     at 50 Hz rated value  320 500 V	<ul> <li>undervoltage detection</li> </ul>	No		
<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>voltage window recognition 3 phase</li> <li>adjustable open/closed-circuit current principle</li> <li>auto-RESET</li> <li>Yes</li> </ul> Control circuit/ Control control supply voltage at AC <ul> <li>at 50 Hz rated value</li> <li>320 500 V</li> </ul>	overvoltage detection	No		
<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> <li>auto-RESET</li> <li>Yes</li> </ul> Control circuit/ Control <ul> <li>control supply voltage at AC</li> <li>at 50 Hz rated value</li> <li>320 500 V</li> </ul>	<ul> <li>phase sequence recognition</li> </ul>	Yes		
overvoltage detection 3 phase     undervoltage detection 3 phases     voltage window recognition 3 phase     adjustable open/closed-circuit current principle     auto-RESET     Yes  Control circuit/ Control  control supply voltage at AC     at 50 Hz rated value  No  320 500 V	<ul> <li>phase failure detection</li> </ul>	No		
<ul> <li>undervoltage detection 3 phases</li> <li>voltage window recognition 3 phase</li> <li>adjustable open/closed-circuit current principle</li> <li>auto-RESET</li> <li>Yes</li> </ul> Control circuit/ Control <ul> <li>control supply voltage at AC</li> <li>at 50 Hz rated value</li> <li>320 500 V</li> </ul>	<ul> <li>asymmetry detection</li> </ul>	No		
voltage window recognition 3 phase     adjustable open/closed-circuit current principle     auto-RESET     Yes  Control circuit/ Control  control supply voltage at AC     at 50 Hz rated value  No  320 500 V	<ul> <li>overvoltage detection 3 phase</li> </ul>	No		
adjustable open/closed-circuit current principle     auto-RESET     Yes  Control circuit/ Control  control supply voltage at AC     at 50 Hz rated value     320 500 V	<ul> <li>undervoltage detection 3 phases</li> </ul>	No		
auto-RESET Yes  Control circuit/ Control  control supply voltage at AC      at 50 Hz rated value  320 500 V	<ul> <li>voltage window recognition 3 phase</li> </ul>	No		
Control circuit/ Control  control supply voltage at AC  • at 50 Hz rated value 320 500 V	<ul> <li>adjustable open/closed-circuit current principle</li> </ul>	No		
control supply voltage at AC  ● at 50 Hz rated value 320 500 V	• auto-RESET	Yes		
• at 50 Hz rated value 320 500 V	Control circuit/ Control			
	control supply voltage at AC			
• at 60 Hz rated value 320 500 V	• at 50 Hz rated value	320 500 V		
	• at 60 Hz rated value	320 500 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	320 500 V
Auxiliary circuit	
number of NC contacts delayed switching	0
number of NO contacts delayed switching	0
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	
<ul> <li>due to burst according to IEC 61000-4-4</li> </ul>	2 kV
<ul> <li>due to conductor-earth surge according to IEC 61000-4-5</li> </ul>	2 kV
<ul> <li>due to conductor-conductor surge according to IEC 61000-4-5</li> </ul>	1 kV
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	o ky contact discharge / o ky ali discharge
galvanic isolation	
between input and output	Yes
between the outputs	Yes
between the outputs     between the voltage supply and other circuits	Yes
Connections/ Terminals	
product component removable terminal for auxiliary and	Yes
control circuit	
type of electrical connection	screw-type terminals
type of connectable conductor cross-sections	
• solid	1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²)
<ul> <li>finely stranded with core end processing</li> </ul>	1x (0.5 2.5 mm²), 2x (0.5 1.5 mm²)
<ul> <li>for AWG cables solid</li> </ul>	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	92 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		
<ul> <li>for live parts</li> </ul>			
— 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		
<ul> <li>during transport</li> </ul>	-40 +85 °C		
Certificates/ approvals			
General Product Approval		EMC	Declaration of Conformity

Confirmation











Declaration of Conformity

**Test Certificates** 

Marine / Shipping

other



Special Test Certificate

Type Test Certificates/Test Report





Confirmation

## Railway

Vibration and Shock

## 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=3UG4511-1BP20

Cax online generator

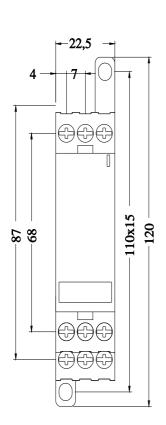
 $\underline{\text{http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en\&mlfb=3UG4511-1BP20}$ 

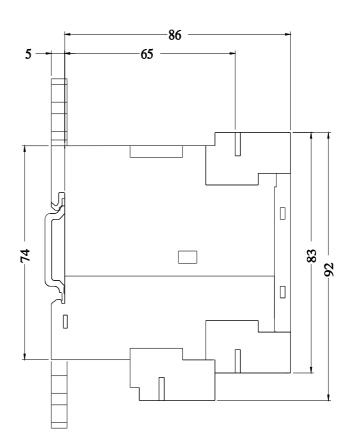
Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3UG4511-1BP20

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=3UG4511-1BP20&lang=en">http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3UG4511-1BP20&lang=en</a>

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