

SIRIUS 3UG4

Product Data Sheet

3UG4512-2BR20

SIRIUS Phase Monitoring Relay

FUNCTION SIRIUS Phase Monitoring Relay	FAMILY SIRIUS 3UG4	ORIGIN Germany	WEIGHT 0.14 kg
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Siemens 3UG4512-2BR20 is a SIRIUS Phase Monitoring Relay for the SIRIUS 3UG4. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

product designation	Line monitoring relay
design of the product	2 functions
product type designation	3UG4
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	3
for monitoring	AC
surge voltage resistance rated value	6 kV

ADDITIONAL PRODUCT DATA

shock resistance according to IEC 60068-2-27	sinusoidal half-wave 15 g / 11 ms
vibration resistance according to IEC 60068-2-6	1 ... 6 Hz: 15 mm, 6 ... 500 Hz: 2 g
mechanical service life (operating cycles) typical	10 000 000
electrical endurance (operating cycles) at AC-15 at 230 V typ.	100 000
thermal current of the switching element with contacts max.	5 A

OFFICIAL APPLICATIONS

- Control and monitoring systems: Model specific integration and maintenance
- Plant production equipment: Documented signal and communication functions
- Installed base maintenance: Exact article replacement and commissioning

SYSTEM COMPATIBILITY

Match 3UG4512-2BR20 to the installed SIRIUS 3UG4, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[Siemens official technical documentation for 3UG4512-2BR20](#)

C:\Users\Administrator\Desktop\AMIKONG\3UG4512-2BR20.pdf

AMIKON PRODUCT SUPPORT

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