

INDUSTRIAL COMPONENT DATA

3UG4513-2BR20 SIEMENS Analog monitoring relay Phase failure and sequence Adjustable undervoltage Asymmetry 2..

Brand: SIEMENS | Manufacturer Part Number: 3UG4513-2BR20



Manufacturer	SIEMENS
MPN / Reference	3UG4513-2BR20
Catalog number	45132
Category	Phase monitoring relay
Minimum order	1 Pcs
Document ID	EO-F88AF2A7BF
Generated	2026-08-04

Product Overview

Analog monitoring relay Phase failure and sequence Adjustable undervoltage Asymmetry 20% fixed 3 x 160 to 690 V 50 to 60 Hz AC Hysteresis 5% fixed Delay time 0-20 s 2 change-over contacts spring-type connection system

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path	SIEMENS > CONTROL AND CONTACTORS > Function relays
--------------	--

Additional Product Information

Technical data

Analog monitoring relay Phase failure and sequence Adjustable undervoltage Asymmetry 20% fixed 3 x 160 to 690 V 50 to 60 Hz AC Hysteresis 5% fixed Delay time 0-20 s 2 change-over contacts spring-type connection system

product brand name SIRIUS

product designation Network monitoring relay with analog setting

design of the product 4 functions

product type designation 3UG4

General technical data

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

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
vibration resistance according to IEC 60068-2-6 1 ... 6 Hz: 15 mm, 6 ... 500 Hz: 2g
mechanical service life (switching cycles) typical 10 000 000
electrical endurance (switching cycles) at AC-15 at 230 V typical 100 000
thermal current of the switching element with contacts maximum 5 A
reference code according to IEC 81346-2 K
relative repeat accuracy 1 %
Substance Prohibitance (Date) 05/01/2012
Product Function
product function
? undervoltage detection Yes
? overvoltage detection No
? phase sequence recognition Yes
? phase failure detection Yes
? asymmetry detection Yes
? overvoltage detection 3 phase No
? undervoltage detection 3 phases Yes
? voltage window....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send SIEMENS / 3UG4513-2BR20 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.