

**INDUSTRIAL COMPONENT DATA**

# 3UG4617-1CR20 SIEMENS Digital monitoring relay 3-phase supply voltage Autom. phase sequence correction Phase..

Brand: SIEMENS | Manufacturer Part Number: 3UG4617-1CR20



|                 |                        |
|-----------------|------------------------|
| Manufacturer    | SIEMENS                |
| MPN / Reference | 3UG4617-1CR20          |
| Catalog number  | 46171                  |
| Category        | Phase monitoring relay |
| Minimum order   | 1 Pcs                  |
| Document ID     | EO-9833BCF1A7          |
| Generated       | 2026-08-06             |

## Product Overview

Digital monitoring relay 3-phase supply voltage Autom. phase sequence correction Phase failure 3 x 160 to 690 V 50 to 60 Hz AC Undervoltage and overvoltage 160-690 V Hysteresis 1-20 V OFF delay 0-20 s Asymmetry 0-20% 1 CO for phase correction 1 CO for line supply faults screw terminal

SIRIUS Surveillance relays for three-phase network voltage correc.automAt. phase loss sec. of phase 3x 160 A 690V AC 50 A 60 HZ sub and overvoltage 160-690V hysteresis 1-20V ret. A desexcitacion 0-20s 1 conm. for 1conm network filter. to correct. phase

**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**

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product brand name SIRIUS

product designation Network monitoring relay with digital setting

design of the product 5 functions

product type designation 3UG4

**General 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 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 Yes  
? phase sequence recognition Yes  
? phase failure detection Yes  
? asymmetry detection...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send SIEMENS / 3UG4617-1CR20 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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