

**INDUSTRIAL COMPONENT DATA**

# 3UG4616-1CR20 SIEMENS Digital monitoring relay for 3-phase voltage with N-conductor Phase sequence can be ac..

Brand: SIEMENS | Manufacturer Part Number: 3UG4616-1CR20



|                 |                        |
|-----------------|------------------------|
| Manufacturer    | SIEMENS                |
| MPN / Reference | 3UG4616-1CR20          |
| Catalog number  | 46161                  |
| Category        | Phase monitoring relay |
| Minimum order   | 1 Pcs                  |
| Document ID     | EO-64640F5DC6          |
| Generated       | 2026-08-05             |

## Product Overview

Digital monitoring relay for 3-phase voltage with N-conductor Phase sequence can be activated Phase failure 3 x 90 to 400 V 50 to 60 Hz AC Undervoltage and overvoltage 90-400 V Hysteresis 1-20 V 0-20 s each for Umin and Umax 1 CO for Umin 1 CO for Umax screw terminal Successor product for 3UG3042-1BP50

**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  
? a...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send SIEMENS / 3UG4616-1CR20 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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