

**INDUSTRIAL COMPONENT DATA**

# 3UG4815-1AA40 SIEMENS Digital monitoring relay 3-phase supply voltage for IO-Link 50...60 Hz AC 3 x 160 to 6..

Brand: SIEMENS | Manufacturer Part Number: 3UG4815-1AA40



|                 |                        |
|-----------------|------------------------|
| Manufacturer    | SIEMENS                |
| MPN / Reference | 3UG4815-1AA40          |
| Catalog number  | 48151                  |
| Category        | Phase monitoring relay |
| Minimum order   | 1 Pcs                  |
| Document ID     | EO-88A66AA0F7          |
| Generated       | 2026-08-06             |

## Product Overview

Digital monitoring relay 3-phase supply voltage for IO-Link 50...60 Hz AC 3 x 160 to 690 V Phase sequence, Phase failure Phase asymmetry Undervoltage and overvoltage Hysteresis 1-20 V Line stabilization delay Tripping delay time 1 change-over contact, screw terminal

**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**

Digital monitoring relay 3-phase supply voltage for IO-Link 50...60 Hz AC 3 x 160 to 690 V Phase sequence, Phase failure Phase asymmetry Undervoltage and overvoltage Hysteresis 1-20 V Line stabilization delay Tripping delay time 1 change-over contact, screw terminal

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 2 rated value 690 V  
degree of pollution 2  
type of voltage  
? for monitoring AC  
? of the control supply voltage DC  
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 Yes  
? overvoltage....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send SIEMENS / 3UG4815-1AA40 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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