

INDUSTRIAL COMPONENT DATA

3UG4816-2AA40 SIEMENS Digital monitoring relay for 3-phase voltage with N-conductor for IO-Link 50...60 Hz A..

Brand: SIEMENS | Manufacturer Part Number: 3UG4816-2AA40



Manufacturer	SIEMENS
MPN / Reference	3UG4816-2AA40
Catalog number	48162
Category	Phase monitoring relay
Minimum order	1 Pcs
Document ID	EO-87180E8336
Generated	2026-08-05

Product Overview

Digital monitoring relay for 3-phase voltage with N-conductor 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, 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

Digital monitoring relay for 3-phase voltage with N-conductor 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, spring-type connection system

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...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send SIEMENS / 3UG4816-2AA40 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.