

## INDUSTRIAL COMPONENT DATA

# 3UG4841-2CA40 SIEMENS Digital monitoring relay cos phi and current monitoring for IO-Link 90...690 V AC, 0.2..

Brand: SIEMENS | Manufacturer Part Number: 3UG4841-2CA40



|                 |                                            |
|-----------------|--------------------------------------------|
| Manufacturer    | SIEMENS                                    |
| MPN / Reference | 3UG4841-2CA40                              |
| Catalog number  | 48412                                      |
| Category        | Effective power (cos phi) monitoring relay |
| Minimum order   | 1 Pcs                                      |
| Document ID     | EO-05E06B0914                              |
| Generated       | 2026-08-05                                 |

## Product Overview

Digital monitoring relay cos phi and current monitoring for IO-Link 90...690 V AC, 0.2...10 A Overshoot and undershoot ON-delay time Tripping delay time Hysteresis 0.1 to 3.0 A 2 change-over contacts, spring-type connection system MONIT DIGITAL SURVEILLANCE RELAY. OF COS PHI AND CURRENT FOR IO-LINK 90 TO 690V AC, 0.2 TO 10A MINIMUM LIMITS AND MAXIMUM TIMING DURING START-UP TIMING UNTIL FIRING HYSTERESIS 0.1 TO 3.0A 2 COMMUTE., SPRING TERMINALS

## STRUCTURED PRODUCT DATA

## Technical Specifications

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

## Classification & Catalog Path

Catalog path SIEMENS &gt; CONTROL AND CONTACTORS &gt; Function relays

## Additional Product Information

## Technical data

Digital monitoring relay cos phi and current monitoring for IO-Link 90...690 V AC, 0.2...10 A Overshoot and undershoot ON-delay time Tripping delay time Hysteresis 0.1 to 3.0 A 2 change-over contacts, spring-type connection system product brand name SIRIUS

product designation Cos phi monitoring relay with digital setting

product type designation 3UG4

## General technical data

product function Active power monitoring relay

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  
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 10 000 002  
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  
? overcurrent detection 1 phase Yes  
? undercurrent detection 1 phase Yes  
? adjustable open/closed-circuit current principle Yes  
? external reset Yes  
Control circuit/ Control  
type of voltage of the control supply voltage DC  
control supply voltage at AC  
? at 50 Hz rated value 0 ... 0 V  
? at 60 Hz rated value 0 ... 0 V...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send SIEMENS / 3UG4841-2CA40 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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