

**INDUSTRIAL COMPONENT DATA**

# 3UG4651-1AA30 SIEMENS Digital monitoring relay Speed monitoring from 0.1 to 2200 rpm Overshoot and undershoo..

Brand: SIEMENS | Manufacturer Part Number: 3UG4651-1AA30



|                 |                                    |
|-----------------|------------------------------------|
| Manufacturer    | SIEMENS                            |
| MPN / Reference | 3UG4651-1AA30                      |
| Catalog number  | 46511                              |
| Category        | Speed-/standstill monitoring relay |
| Minimum order   | 1 Pcs                              |
| Document ID     | EO-4EBFB1A057                      |
| Generated       | 2026-08-06                         |

## Product Overview

Digital monitoring relay Speed monitoring from 0.1 to 2200 rpm Overshoot and undershoot Supply voltage: 24 V AC/DC 50 to 60 Hz DC and AC without galvanic isolation to measuring circuit ON delay 1 to 900 s Tripping delay 0.1 to 99.9 s Hysteresis 0.1 to 99 rpm 1 change-over contact with or without fault buffer screw terminal Successor product for 3UG3051

**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 Speed monitoring relay with digital setting

product type designation 3UG4

**General technical data**

product function RPM monitoring relay

design of the display LCD

? apparent power consumption at AC

- at 24 V maximum 2.5 VA

insulation voltage

? for overvoltage category III according to IEC 60664  
- with degree of pollution 3 rated value 300 V  
degree of pollution 3  
type of voltage of the control supply voltage AC/DC  
surge voltage resistance rated value 4 kV  
protection class IP IP20  
shock resistance according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms  
mechanical service life (switching cycles) typical 10 000 000  
electrical endurance (switching cycles) at AC-15 at 230 V typical 100 000  
reference code according to IEC 81346-2 K  
relative repeat accuracy 1 %  
Substance Prohibitance (Date) 05/01/2012  
Product Function  
suitability for use safety-related circuits No  
product function  
? rotation speed monitoring Yes  
? standstill monitoring No  
? error memory Yes  
? adjustable open/closed-circuit current principle Yes  
? external reset Yes  
? auto-RESET Yes  
? manual RESET Yes  
Cont...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send SIEMENS / 3UG4651-1AA30 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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