

**INDUSTRIAL COMPONENT DATA**

# 3RK3111-2AA10 SIEMENS SIRIUS, central unit 3RK3 Basic for modular Safety system 3RK3 4/8 F-DI,1F-RO,1 F-DO,2..

Brand: SIEMENS | Manufacturer Part Number: 3RK3111-2AA10



|                 |                                                  |
|-----------------|--------------------------------------------------|
| Manufacturer    | SIEMENS                                          |
| MPN / Reference | 3RK3111-2AA10                                    |
| Catalog number  | 31112                                            |
| Category        | Device for monitoring of safety-related circuits |
| Minimum order   | 1 Pcs                                            |
| Document ID     | EO-95B3DA732F                                    |
| Generated       | 2026-08-03                                       |

## Product Overview

SIRIUS, central unit 3RK3 Basic for modular Safety system 3RK3 4/8 F-DI,1F-RO,1 F-DO,24 V DC parameterizable using software Safety ES 45 mm overall width Spring-type terminal Up to SIL3 (IEC 61508) Up to Performance Level E (ISO 13849-1)

**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 > Programmable safety relays MSS**

## Additional Product Information

**Technical data**

SIRIUS, central unit 3RK3 Basic for modular Safety system 3RK3 4/8 F-DI,1F-RO,1 F-DO,24 V DC parameterizable using software Safety ES 45 mm overall width Spring-type terminal Up to SIL3 (IEC 61508) Up to Performance Level E (ISO 13849-1)

product brand name SIRIUS

product category Modular Safety System

product designation Central unit

design of the product 4/8 F-DI, 1 F-RO, 1 F-DO

**General technical data**

product function

? EMERGENCY STOP function Yes

? protective door monitoring Yes

? protective door monitoring with tumbler No

? muting, 2 sensor-parallel No  
? muting, 4 sensor-parallel No  
? muting, 4 sensor-sequential No  
? monitoring parameterizable No  
? evaluation: electro-sensitive protective equipment Yes  
? evaluation: selector switch Yes  
? pressure-sensitive mat monitoring Yes  
? evaluation: two-hand operator panel Yes  
? evaluation: enabling switch Yes  
? monitored start-up Yes  
? two-hand control according to EN 574 Yes  
number of function blocks typical 300  
insulation voltage rated value 300 V  
degree of pollution 3  
surge voltage resistance rated value 2 500 V  
consumed current for rated value of supply voltage 1.685 A  
protection class IP IP20  
? of the enclosure IP20  
? of the terminal IP20  
shock resistance 15g / 11 ms  
vibration resistance according to IEC 60068-2-6 5 ... 500 Hz: 0.75 mm  
operating frequency maximum 1 000 1/h  
mechanical service life (switching cycles) typical 10 000 000  
reference code according to IEC 81346-2 K  
Substance Prohibitance (Date) 05/28/2...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send SIEMENS / 3RK3111-2AA10 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

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

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