

## INDUSTRIAL COMPONENT DATA

# 3RK3121-2AC00 SIEMENS SIRIUS, Central unit 3RK3 ASIsafe Basic for modular Safety system 3RK3 1/2F-DI, 6DI, 1..

Brand: SIEMENS | Manufacturer Part Number: 3RK3121-2AC00



|                 |                                                  |
|-----------------|--------------------------------------------------|
| Manufacturer    | SIEMENS                                          |
| MPN / Reference | 3RK3121-2AC00                                    |
| Catalog number  | 31212                                            |
| Category        | Device for monitoring of safety-related circuits |
| Minimum order   | 1 Pcs                                            |
| Document ID     | EO-F4E94A6918                                    |
| Generated       | 2026-08-03                                       |

## Product Overview

SIRIUS, Central unit 3RK3 ASIsafe Basic for modular Safety system 3RK3 1/2F-DI, 6DI, 1F-RO, 1F-DO, 24 V DC Monitoring of ASI slaves Control of 8 safe outputs on AS-Interface bus 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) No extension module connectable SIRIUS, CENTRAL MODULE 3RK3 ASISAFE BASIC FOR MODULAR SECURITY SYSTEM 3RK3 1/2F-DI, 6DI, 1F-RO, 1F-DO, DC 24V SLAVE MONITORING ASI, CONTROL OF 8 SAFE OUTPUTS CONEC. TO THE AS-I BUS PARAMETERIZABLE WITH SW MSS IS WIDTH OF 45MM SPRING TERMINALS UP TO SIL3 (IEC 61508) UP TO PERFORMANCE LEVEL E (ISO 13849-1) NO PLUGGABLE EXPANSION MODULE. Manufactured to order. Non-Cancelable Non-Returnable.

## 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 ASIsafe Basic for modular Safety system 3RK3 1/2F-DI, 6DI, 1F-RO, 1F-DO, 24 V DC Monitoring of ASI slaves Control of 8 safe outputs on AS-Interface bus 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) No extension module connectable product brand name SIRIUS product category Modular Safety System product designation Central unit design of the product 1/2 F-DI, 6 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 Yes

? muting, 2 sensor-parallel Yes

? muting, 4 sensor-parallel Yes

? muting, 4 sensor-sequential Yes

? monitoring parameterizable Yes

? 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 ser...

**REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW**

Send SIEMENS / 3RK3121-2AC00 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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