

**INDUSTRIAL COMPONENT DATA**

# 3RK2100-1CT30-0AA3 SIEMENS AS-i compact module K20 digital A/B slave, 4 DQ, IP67 4 x output, 1 A 24 V DC max..

Brand: SIEMENS | Manufacturer Part Number: 3RK2100-1CT30-0AA3



|                 |                                                   |
|-----------------|---------------------------------------------------|
| Manufacturer    | SIEMENS                                           |
| MPN / Reference | 3RK2100-1CT30-0AA3                                |
| Catalog number  | 21001                                             |
| Category        | Fieldbus, decentr. periphery - digital I/O module |
| Minimum order   | 1 Pcs                                             |
| Document ID     | EO-189B00CAB2                                     |
| Generated       | 2026-08-03                                        |

## Product Overview

AS-i compact module K20 digital A/B slave, 4 DQ, IP67 4 x output, 1 A 24 V DC max. 1 A for all outputs 4 x M8 socket

**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 > AS-Interface switchgear, SIMOCODE**

## Additional Product Information

**Technical data**

AS-i compact module K20 digital A/B slave, 4 DQ, IP67 4 x output, 1 A 24 V DC max. 1 A for all outputs 4 x M8 socket

**General technical data**

design of the product digital I/O modules for operation in the field, IP67 - K20

Type 4 outputs

design of the slave type A/B slave (Spec. 3.0)

I/O configuration 7

ID/ID2 code A/7

Number I/O sockets 4

type of electrical connection of the inputs and outputs M8 screw-type terminals

AS interface total current input max 45 mA

operating voltage according to AS-Interface specification 26.5 ... 31.6 V

Ground terminal not available

Addressing using M12 female connector

AS interface Connection Polarity reversal protection built-in

Note 1 An external additional supply (AUX POWER) of 20 to 30 V DC is required for the supply of the output circuits. The additional supply must comply with VDE 0106 (PELV), protection class III.

Note 2 This module requires a master according to AS-i specifications 3.0

Inputs

number of digital inputs 0

Input circuit PNP transistor

Outputs

number of digital outputs 4

type of voltage of output voltages DC

Outputs external power supply 24 V DC shared round cable connection with AS-Interface connection through M12 female connector

ampacity of the semiconductor output at DC-13 at 24 V 1 A

Outputs aggregate current

? max 2 A

? at  $T_u=40\text{ }^{\circ}\text{C}$  max 2 A

type of switching output PNP transistor

design of the pin assignment of the outputs standard assignement

Outputs socket assignment 3 = "-", 4 = output

property of the ou...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send SIEMENS / 3RK2100-1CT30-0AA3 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

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