

**INDUSTRIAL COMPONENT DATA**

# 3RS1000-1CK10 SIEMENS Temperature monitoring relay PT100, Overshoot 1 threshold value, Width 22.5 mm 0 °C to..

Brand: SIEMENS | Manufacturer Part Number: 3RS1000-1CK10



|                 |                              |
|-----------------|------------------------------|
| Manufacturer    | SIEMENS                      |
| MPN / Reference | 3RS1000-1CK10                |
| Catalog number  | 10001                        |
| Category        | Temperature monitoring relay |
| Minimum order   | 1 Pcs                        |
| Document ID     | EO-33E22A1C3D                |
| Generated       | 2026-08-06                   |

## Product Overview

temperature monitoring relay Pt100, overshoot 1 threshold value, width 22.5 mm 0 °C to 100 °C 110-120/220-240 V AC 1 NO + 1 NC, quiescent current principle screw terminal !!!phased-out product!!! the preferred successor is 3RS2500-1AW30

**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**

temperature monitoring relay Pt100, overshoot 1 threshold value, width 22.5 mm 0 °C to 100 °C 110-120/220-240 V AC 1 NO + 1 NC, quiescent current principle screw terminal !!!phased-out product!!! the preferred successor is 3RS2500-1AW30

product brand name SIRIUS

product designation Temperature monitoring relay

design of the product Overshoot, 1 threshold value

product type designation 3RS10

**General technical data**

power loss [W] maximum 2 W

power loss [V•A] maximum 4 VA

reference code according to IEC 81346-2 K

measurable temperature

? initial value 0 °C

? full-scale value 100 °C

Substance Prohibitance (Date) 05/01/2012

product function

? error memory No

? external reset No

design of the sensor connectable PT100 (resistance sensor)

Control circuit/ Control

type of voltage AC

control supply voltage 1 at AC

? at 50 Hz rated value 110 V

? at 60 Hz rated value 110 V

control supply voltage 2 at AC

? at 50 Hz rated value 230 V

? at 60 Hz rated value 230 V

supply voltage frequency for auxiliary and control circuit 50 ... 60 Hz

number of measuring circuits 1

Auxiliary circuit

number of NC contacts for auxiliary contacts 1

number of NO contacts for auxiliary contacts 1

number of CO contacts for auxiliary contacts 0

Connections/ Terminals

type of electrical connection for auxiliary and control circuit screw-type terminals

type of electrical connection plug-in socket Yes

Installation/ mounting/ dimensions

fastening method screw and snap-on mounting onto 35 mm standard mou...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send SIEMENS / 3RS1000-1CK10 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.