

**INDUSTRIAL COMPONENT DATA**

# 3RS1042-1GW70 SIEMENS Temperature monitoring relay PT100/1000 KTY83/84, NTC 2 threshold values digitally adj..

Brand: SIEMENS | Manufacturer Part Number: 3RS1042-1GW70



|                 |                              |
|-----------------|------------------------------|
| Manufacturer    | SIEMENS                      |
| MPN / Reference | 3RS1042-1GW70                |
| Catalog number  | 10421                        |
| Category        | Temperature monitoring relay |
| Minimum order   | 1 Pcs                        |
| Document ID     | EO-10D81F66F0                |
| Generated       | 2026-08-06                   |

## Product Overview

temperature monitoring relay Pt100/1000 KTY83/84, NTC 2 threshold values digitally adjustable -50 °C to 750 °C (sensor-dependent) 24-240 V AC/DC 2 x 1 CO + 1 NO, width 45 mm screw terminal !!!phased-out product!!! the preferred successor is 3RS2600-1BW30

**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 Temperature monitoring relay

design of the product 2 threshold values, digitally adjustable

product type designation 3RS10

**General technical data**

power loss [W] maximum 4 W

power loss [V•A] maximum 7 VA

reference code according to IEC 81346-2 K

measurable temperature

? initial value -50 °C  
? full-scale value 750 °C  
Substance Prohibitance (Date) 05/01/2012  
product function  
? error memory Yes  
? external reset Yes  
design of the sensor connectable PT100/1000, KTY83/84, NTC (resistance sensors)  
measurable temperature with KTY-sensor maximum 200 °C  
sensor current with KTY-sensor 0.3 mA  
Control circuit/ Control  
type of voltage AC/DC  
control supply voltage 1 at AC  
? at 50 Hz 24 ... 240 V  
? at 60 Hz 24 ... 240 V  
control supply voltage 1  
? at DC 24 ... 240 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 0  
number of NO contacts for auxiliary contacts 1  
number of CO contacts for auxiliary contacts 2  
Connections/ Terminals  
type of electrical connection for auxiliary and control circuit screw-type terminals  
type of electrical connection plug-in socket Yes  
Insta...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send SIEMENS / 3RS1042-1GW70 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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