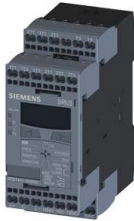


INDUSTRIAL COMPONENT DATA

3RS1441-2HB50 SIEMENS Temperature monitoring relay for IO-Link PT100/1000, KTY83/84, NTC 1 to 3 sensors, 2 l..

Brand: SIEMENS | Manufacturer Part Number: 3RS1441-2HB50



Manufacturer	SIEMENS
MPN / Reference	3RS1441-2HB50
Catalog number	14412
Category	Temperature monitoring relay
Minimum order	1 Pcs
Document ID	EO-434895A935
Generated	2026-08-06

Product Overview

temperature monitoring relay for IO-Link Pt100/1000 KTY83/84, NTC 1 to 3 sensors, 2 limit values -50 °C to 750 °C 3 x 1 CO, width 45 mm spring-loaded terminal !!!phased-out product!!! the preferred successor is 3RS2800-2BA40+3RS2900-2AA30

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 for IO-Link Pt100/1000 KTY83/84, NTC 1 to 3 sensors, 2 limit values -50 °C to 750 °C 3 x 1 CO, width 45 mm spring-loaded terminal !!!phased-out product!!! the preferred successor is 3RS2800-2BA40+3RS2900-2AA30

product brand name SIRIUS

product designation Temperature monitoring relay

design of the product 2 threshold values, digitally adjustable

product type designation 3RS14

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 DC
control supply voltage 1
? at DC rated value 24 V
? at DC 18 ... 30 V
number of measuring circuits 3
Communication/ Protocol
protocol is supported IO-Link protocol Yes
IO-Link transfer rate COM2 (38,4 kBaud)
point-to-point cycle time between master and IO-Link device minimum 10 ms
type of voltage supply via input/output link master Yes
data volume
? of the address range of the inputs with cyclical transfer total 4 byte
? of the address range of the outputs with cyclical transfer total 2 byte
Auxiliary circuit
number of NC contacts for auxiliary contacts 0
number...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send SIEMENS / 3RS1441-2HB50 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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