

INDUSTRIAL COMPONENT DATA

3RN2010-1CA30 SIEMENS Thermistor motor protection relay Compact evaluation unit 17.5 mm enclosure Screw term..

Brand: SIEMENS | Manufacturer Part Number: 3RN2010-1CA30



Manufacturer	SIEMENS
MPN / Reference	3RN2010-1CA30
Catalog number	20101
Category	Relay for thermistor protection (PTC)
Minimum order	1 Pcs
Document ID	EO-30C8FAF251
Generated	2026-08-04

Product Overview

Thermistor motor protection relay Compact evaluation unit 17.5 mm enclosure Screw terminal 1 NO contact, 1 NC contact
US = 24 V AC/DC Auto RESET suitable for bimetallic switch 2 LEDs (Ready/Tripped) galvanic isolation
Prot. relay Thermistor motor EVAL unit. standard 17.5 mm box Screw terminals 1 NO, 1 Öffner US = AC/DC 24 V
Self-eating Suitable for bimetal sensors 2 LEDs (READY/TRIPPED) Galvanic isolation.

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

Thermistor motor protection relay Compact evaluation unit 17.5 mm enclosure Screw terminal 1 NO contact, 1 NC contact
US = 24 V AC/DC Auto RESET suitable for bimetallic switch 2 LEDs (Ready/Tripped) galvanic isolation

product brand name SIRIUS

product category SIRIUS 3RN2 thermistor motor protection

product designation Thermistor motor protection relay

design of the product Compact evaluation unit, suitable for bimetallic switch

product type designation 3RN2

General technical data

product function thermistor motor protection

display version LED Yes

insulation voltage for overvoltage category III according to IEC 60664 with degree of pollution 3 rated value 300 V

degree of pollution 3
surge voltage resistance rated value 4 kV
protection class IP IP20
shock resistance according to IEC 60068-2-27 11g / 15 ms
vibration resistance according to IEC 60068-2-6 10 ... 55 Hz: 0.35 mm
mechanical service life (switching cycles) typical 10 000 000
electrical endurance (switching cycles) at AC-15 at 230 V typical 100 000
thermal current of the switching element with contacts maximum 5 A
reference code according to IEC 81346-2 K
Substance Prohibitance (Date) 05/28/2009
Product Function
product function
? error memory No
? dynamic open-circuit detection No
? external reset No
? auto-RESET Yes
? manual RESET No
Control circuit/ Control
type of voltage of the control supply voltage AC/DC
control supply voltage at AC
? at 50 Hz rated value 24 ... 24 V
? at 60 Hz rated value 24

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send SIEMENS / 3RN2010-1CA30 with the required quantity to info@electricaonline.com or use 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.