

INDUSTRIAL COMPONENT DATA

3RN2012-2BA30 SIEMENS Thermistor motor protection relay Standard evaluation unit 22.5 mm enclosure Spring-ty..

Brand: SIEMENS | Manufacturer Part Number: 3RN2012-2BA30



Manufacturer	SIEMENS
MPN / Reference	3RN2012-2BA30
Catalog number	20122
Category	Relay for thermistor protection (PTC)
Minimum order	1 Pcs
Document ID	EO-ABB614DF80
Generated	2026-08-04

Product Overview

Thermistor motor protection relay Standard evaluation unit 22.5 mm enclosure Spring-type terminal 2 change-over contacts US = 24 V AC/DC Manual/Auto/Remote reset with ATEX approval 2 LEDs (READY/TRIPPED) galvanic isolation Test/reset button Wire break monitoring Short circuit monitoring non-volatile

Prot. relay Thermistor motor EVAL unit. standard 22.5 mm box Spring terminals 2 switched US = AC/DC 24 V Manual/Auto/Remote reset with ATEX approval 2 LEDs (READY/TRIPPED) Galvanic isolation Test/Reset button Wire break monitoring Short circuit monitoring Non-volatile signaling.

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 Standard evaluation unit 22.5 mm enclosure Spring-type terminal 2 change-over contacts US = 24 V AC/DC Manual/Auto/Remote reset with ATEX approval 2 LEDs (READY/TRIPPED) galvanic isolation Test/reset button Wire break monitoring Short circuit monitoring non-volatile

product brand name SIRIUS

product category SIRIUS 3RN2 thermistor motor protection

product designation Thermistor motor protection relay

design of the product Standard evaluation unit with ATEX approval, open-circuit and short-circuit detection in the sensor circuit, non-volatile

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 Yes

? dynamic open-circuit detection Yes

? external reset Yes

? auto-RESET Yes

? manual RESET Yes

Control circuit...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send SIEMENS / 3RN2012-2BA30 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.