

## INDUSTRIAL COMPONENT DATA

# 3RB3143-4XX1 SIEMENS Overload relay 32...115 A Electronic For motor protection Size S3, Class 5E...30E Stand..

Brand: SIEMENS | Manufacturer Part Number: 3RB3143-4XX1



|                 |                           |
|-----------------|---------------------------|
| Manufacturer    | SIEMENS                   |
| MPN / Reference | 3RB3143-4XX1              |
| Catalog number  | 31434                     |
| Category        | Electronic overload relay |
| Minimum order   | 1 Pcs                     |
| Document ID     | EO-BE0D7FC244             |
| Generated       | 2026-08-06                |

## Product Overview

Overload relay 32...115 A Electronic For motor protection Size S3, Class 5E...30E Stand-alone installation Main circuit: Straight-through transformer Auxiliary circuit: Spring-type terminal Manual-Automatic-Reset

## 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 > Thermal relays

## Additional Product Information

## Technical data

Overload relay 32...115 A Electronic For motor protection Size S3, Class 5E...30E Stand-alone installation Main circuit: Straight-through transformer Auxiliary circuit: Spring-type terminal Manual-Automatic-Reset

product brand name SIRIUS

product designation solid-state overload relay

product type designation 3RB3

General technical data

size of overload relay S3

size of contactor can be combined company-specific S3

power loss [W] for rated value of the current at AC in hot operating state 0.6 W

? per pole 0.2 W

insulation voltage with degree of pollution 3 at AC rated value 1 000 V

surge voltage resistance rated value 8 kV

maximum permissible voltage for safe isolation in networks with grounded star point

? between auxiliary and auxiliary circuit 300 V

? between auxiliary and auxiliary circuit 300 V

? between main and auxiliary circuit 600 V

? between main and auxiliary circuit 690 V

shock resistance 8g / 11 ms

? according to IEC 60068-2-27 15g / 11 ms; Signaling contact 97 / 98 in position "Tripped": 8g / 11 ms

vibration resistance 1-6 Hz, 15 mm; 6-500 Hz, 20 m/s<sup>2</sup>; 10 cycles

thermal current 115 A

type of protection according to ATEX directive 2014/34/EU Ex II (2) G [Ex e] [Ex d] [Ex px] ; Ex II (2) D [Ex t] [Ex p]

certificate of suitability according to ATEX directive 2014/34/EU PTB 09 ATEX 3001

reference code according to IEC 81346-2 F

Substance Prohibitance (Date) 03/01/2017

Ambient conditions

installation altitude at height above sea level maximum 2 000 m....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send SIEMENS / 3RB3143-4XX1 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

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