

INDUSTRIAL COMPONENT DATA

3RB3143-4UW1 SIEMENS Overload relay 12.5...50 A Electronic For motor protection Size S3, Class 5E...30E Stan..

Brand: SIEMENS | Manufacturer Part Number: 3RB3143-4UW1



Manufacturer	SIEMENS
MPN / Reference	3RB3143-4UW1
Catalog number	31434
Category	Electronic overload relay
Minimum order	1 Pcs
Document ID	EO-7876D2B59E
Generated	2026-08-05

Product Overview

Overload relay 12.5...50 A Electronic For motor protection Size S3, Class 5E...30E Stand-alone installation Main circuit: Straight-through transformer Auxiliary circuit: Screw 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 12.5...50 A Electronic For motor protection Size S3, Class 5E...30E Stand-alone installation Main circuit: Straight-through transformer Auxiliary circuit: Screw 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 0.2 W

? per pole 0.07 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/s²; 10 cycles

thermal current 50 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

ambient temper...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send SIEMENS / 3RB3143-4UW1 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.