

**INDUSTRIAL COMPONENT DATA**

# 3RU2116-0GB0 SIEMENS Overload relay 0.45...0.63 A Thermal For motor protection Size S00, Class 10 Contactor ..

Brand: SIEMENS | Manufacturer Part Number: 3RU2116-0GB0



|                 |                        |
|-----------------|------------------------|
| Manufacturer    | SIEMENS                |
| MPN / Reference | 3RU2116-0GB0           |
| Catalog number  | 21160                  |
| Category        | Thermal overload relay |
| Minimum order   | 1 Pcs                  |
| Document ID     | EO-B8BF11C4A9          |
| Generated       | 2026-08-05             |

## Product Overview

Overload relay 0.45...0.63 A Thermal For motor protection Size S00, Class 10 Contactor mounting Main circuit: Screw  
Auxiliary circuit: Screw Manual-Automatic-Reset  
SIRIUS Innovations Thermal overload relay, motor protection 0, 45...0, 63 A, S00, Class 10, screw connection.

**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 0.45...0.63 A Thermal For motor protection Size S00, Class 10 Contactor mounting Main circuit: Screw  
Auxiliary circuit: Screw Manual-Automatic-Reset  
product brand name SIRIUS  
product designation thermal overload relay  
product type designation 3RU2  
General technical data  
size of overload relay S00  
size of contactor can be combined company-specific S00  
power loss [W] for rated value of the current at AC in hot operating state 4.8 W  
? per pole 1.6 W  
insulation voltage with degree of pollution 3 at AC rated value 690 V  
surge voltage resistance rated value 6 kV

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

? between auxiliary and auxiliary circuit 440 V

? between auxiliary and auxiliary circuit 440 V

? between main and auxiliary circuit 440 V

? between main and auxiliary circuit 440 V

shock resistance according to IEC 60068-2-27 8g / 11 ms

type of protection according to ATEX directive 2014/34/EU Ex II (2) GD

certificate of suitability according to ATEX directive 2014/34/EU DMT 98 ATEX G 001

reference code according to IEC 81346-2 F

Substance Prohibitance (Date) 10/01/2009

Ambient conditions

installation altitude at height above sea level maximum 2 000 m

ambient temperature

? during operation -40 ... +70 °C

? during storage -55 ... +80 °C

? during transport -55 ... +80 °C

temperature compensation -40 ... +60 °C

relative humidity during operation 10 ... 95 %

Main circuit

number of poles for main current circuit 3....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send SIEMENS / 3RU2116-0GB0 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

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