

## INDUSTRIAL COMPONENT DATA

# 3RU2116-1GB1 SIEMENS Overload relay 4.5...6.3 A Thermal For motor protection Size S00, Class 10 Stand-alone ..

Brand: SIEMENS | Manufacturer Part Number: 3RU2116-1GB1



|                 |                        |
|-----------------|------------------------|
| Manufacturer    | SIEMENS                |
| MPN / Reference | 3RU2116-1GB1           |
| Catalog number  | 21161                  |
| Category        | Thermal overload relay |
| Minimum order   | 1 Pcs                  |
| Document ID     | EO-3B9F7F7BEA          |
| Generated       | 2026-08-05             |

## Product Overview

Overload relay 4.5...6.3 A Thermal For motor protection Size S00, Class 10 Stand-alone installation Main circuit: Screw Auxiliary circuit: Screw Manual-Automatic-Reset  
SIRIUS Innovations Thermal overload relay, motor protection 4, 5...6, 3 A, S00, Class 10, independent assembly 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 4.5...6.3 A Thermal For motor protection Size S00, Class 10 Stand-alone installation 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 6.6 W

? per pole 2.2 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 circui...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send SIEMENS / 3RU2116-1GB1 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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