

INDUSTRIAL COMPONENT DATA

3RU2116-1GC0 SIEMENS Overload relay 4.5...6.3 A Thermal For motor protection Size S00, Class 10 Contactor mo..

Brand: SIEMENS | Manufacturer Part Number: 3RU2116-1GC0



Manufacturer	SIEMENS
MPN / Reference	3RU2116-1GC0
Catalog number	21161
Category	Thermal overload relay
Minimum order	1 Pcs
Document ID	EO-DA3520D144
Generated	2026-08-06

Product Overview

Overload relay 4.5...6.3 A Thermal For motor protection Size S00, Class 10 Contactor mounting Main circuit: Spring-type terminal Auxiliary circuit: spring-type terminal Manual-Automatic-Reset
SIRIUS Innovations Thermal overload relay, motor protection 4, 5...6, 3 A, S00, Class 10, spring 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 Contactor mounting Main circuit: Spring-type terminal Auxiliary circuit: spring-type terminal 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...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send SIEMENS / 3RU2116-1GC0 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.