

INDUSTRIAL COMPONENT DATA

3RU2116-0FC1 SIEMENS Overload relay 0.35...0.50 A Thermal For motor protection Size S00, Class 10 Stand-alon..

Brand: SIEMENS | Manufacturer Part Number: 3RU2116-0FC1



Manufacturer	SIEMENS
MPN / Reference	3RU2116-0FC1
Catalog number	21160
Category	Thermal overload relay
Minimum order	1 Pcs
Document ID	EO-D6B02A67DA
Generated	2026-08-05

Product Overview

Overload relay 0.35...0.50 A Thermal For motor protection Size S00, Class 10 Stand-alone installation Main circuit: Spring-type terminal Auxiliary circuit: spring-type terminal Manual-Automatic-Reset
SIRIUS Innovations Thermal overload relay, motor protection 0, 35...0, 50 A, S00, Class 10, independent assembly 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 0.35...0.50 A Thermal For motor protection Size S00, Class 10 Stand-alone installation 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 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....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send SIEMENS / 3RU2116-0FC1 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.