

**INDUSTRIAL COMPONENT DATA**

# 3RF2310-2AA22 SIEMENS Solid-state contactor 1-phase 3RF2 AC 51 / 10 A / 40 °C 24-230 V / 110-230 V AC Spring..

Brand: SIEMENS | Manufacturer Part Number: 3RF2310-2AA22



|                 |                               |
|-----------------|-------------------------------|
| Manufacturer    | SIEMENS                       |
| MPN / Reference | 3RF2310-2AA22                 |
| Catalog number  | 23102                         |
| Category        | Power contactor, AC switching |
| Minimum order   | 1 Pcs                         |
| Document ID     | EO-9751FDDF25                 |
| Generated       | 2026-08-04                    |

## Product Overview

Solid-state contactor 1-phase 3RF2 AC 51 / 10 A / 40 °C 24-230 V / 110-230 V AC Spring-type terminal  
SIRIUS Single phase solid state contactor 3RF2 AC51 10A 40 Degrees C 24-230V / 110-230VAC spring connection terminals. Manufactured to order. Non-Cancelable Non-Returnable.

**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 > Contactors for switching motors**

## Additional Product Information

**Technical data**

Solid-state contactor 1-phase 3RF2 AC 51 / 10 A / 40 °C 24-230 V / 110-230 V AC Spring-type terminal

product brand name SIRIUS

product designation solid-state contactor

design of the product single-phase

product type designation 3RF23

**General technical data**

product function zero-point switching

power loss [W] for rated value of the current without load current share typical 3.5 W

insulation voltage rated value 600 V

degree of pollution 3

type of voltage of the control supply voltage AC

surge voltage resistance of main circuit rated value 6 kV

shock resistance according to IEC 60068-2-27 15g / 11 ms  
vibration resistance according to IEC 60068-2-6 2g  
reference code according to IEC 81346-2 Q  
Substance Prohibitance (Date) 05/28/2009  
Main circuit  
number of poles for main current circuit 1  
number of NO contacts for main contacts 1  
number of NC contacts for main contacts 0  
operating voltage at AC  
? at 50 Hz rated value 24 ... 230 V  
? at 60 Hz rated value 24 ... 230 V  
operating frequency rated value 50 ... 60 Hz  
operating range relative to the operating voltage at AC  
? at 50 Hz 20 ... 253 V  
? at 60 Hz 20 ... 253 V  
operational current  
? at AC-51 rated value 10.5 A  
? at AC-51 according to IEC 60947-4-3 7.5 A  
? according to UL 508 rated value 9.6 A  
operational current minimum 100 mA  
rate of voltage rise at the thyristor for main contacts maximum permissible 500 V/μs  
blocking voltage at the thyristor for main contacts maximum permissible 800 V  
reverse current of the thyr...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send SIEMENS / 3RF2310-2AA22 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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