

**INDUSTRIAL COMPONENT DATA**

# 3RF2120-1AA22 SIEMENS Semiconductor relay, 1-phase 3RF2 Width 22.5 mm, 20 A 24-230 V / 110-230 V AC screw te..

Brand: SIEMENS | Manufacturer Part Number: 3RF2120-1AA22



|                 |                               |
|-----------------|-------------------------------|
| Manufacturer    | SIEMENS                       |
| MPN / Reference | 3RF2120-1AA22                 |
| Catalog number  | 21201                         |
| Category        | Power contactor, AC switching |
| Minimum order   | 1 Pcs                         |
| Document ID     | EO-6C20A97761                 |
| Generated       | 2026-08-04                    |

## Product Overview

Semiconductor relay, 1-phase 3RF2 Width 22.5 mm, 20 A 24-230 V / 110-230 V AC screw terminal  
SIRIUS, Solid state relay 3RF2, width 22.5mm 20A 24-230V / 110-230VAC screw terminals.

**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**

Semiconductor relay, 1-phase 3RF2 Width 22.5 mm, 20 A 24-230 V / 110-230 V AC screw terminal

product brand name SIRIUS

product designation solid-state relay

design of the product single-phase

product type designation 3RF21

manufacturer's article number

? \_1 of the accessories that can be ordered 3RF2900-3PA88

? \_2 of the accessories that can be ordered 3RF2920-0HA33

? \_4 of the accessories that can be ordered 3RF2920-0GA33

product designation

? \_1 of the accessories that can be ordered terminal cover

? \_2 of the accessories that can be ordered power regulator

? \_4 of the accessories that can be ordered load monitoring

**General technical data**

product function zero-point switching

power loss [V•A] maximum 28.6 VA

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

insulation voltage rated value 600 V

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

relative symmetrical tolerance of the operating frequency 10....

**REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW**

Send SIEMENS / 3RF2120-1AA22 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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