

INDUSTRIAL COMPONENT DATA

3RF2120-1AA45 SIEMENS Semiconductor relay, 1-phase 3RF2 Width 22.5 mm, 20 A 48-600 V / 4-30 V DC screw termi..

Brand: SIEMENS | Manufacturer Part Number: 3RF2120-1AA45



Manufacturer	SIEMENS
MPN / Reference	3RF2120-1AA45
Catalog number	21201
Category	Power contactor, AC switching
Minimum order	1 Pcs
Document ID	EO-15569B0193
Generated	2026-08-04

Product Overview

Semiconductor relay, 1-phase 3RF2 Width 22.5 mm, 20 A 48-600 V / 4-30 V DC screw terminal Blocking voltage 1200 V SIRIUS, 3RF2 solid state relay, width 22.5mm, 20A 48-600V / 4-30V DC reverse voltage screw terminals 1200V. 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

Semiconductor relay, 1-phase 3RF2 Width 22.5 mm, 20 A 48-600 V / 4-30 V DC screw terminal Blocking voltage 1200 V
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 3RF2920-0HA16
? _3 of the accessories that can be ordered 3RF2900-0EA18
? _4 of the accessories that can be ordered 3RF2920-0GA16
? _5 of the accessories that can be ordered 3RF2920-0FA08
product designation

- ? _1 of the accessories that can be ordered terminal cover
- ? _2 of the accessories that can be ordered power regulator
- ? _3 of the accessories that can be ordered converter
- ? _4 of the accessories that can be ordered load monitoring
- ? _5 of the accessories that can be ordered load monitoring, basis

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 0.5 W

insulation voltage rated value 600 V

type of voltage of the control supply voltage DC

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 ma...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send SIEMENS / 3RF2120-1AA45 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.