

INDUSTRIAL COMPONENT DATA

3RF2020-1AA45 SIEMENS Semiconductor relay, 1-phase 3RF2 Width 45 mm, 20 A 48-600 V / 4-30 V DC screw termina..

Brand: SIEMENS | Manufacturer Part Number: 3RF2020-1AA45



Manufacturer	SIEMENS
MPN / Reference	3RF2020-1AA45
Catalog number	20201
Category	Power contactor, AC switching
Minimum order	1 Pcs
Document ID	EO-3AAFAE612D
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Product Overview

Semiconductor relay, 1-phase 3RF2 Width 45 mm, 20 A 48-600 V / 4-30 V DC screw terminal Blocking voltage 1200 V
SIRIUS, 3RF2 solid state relay, width 45mm, 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
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Additional Product Information

Technical data

Semiconductor relay, 1-phase 3RF2 Width 45 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 3RF20

General technical data

product function zero-point switching

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

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 48 ... 600 V

? at 60 Hz rated value 48 ... 600 V

operating frequency rated value 50 ... 60 Hz

relative symmetrical tolerance of the operating frequency 10 %

operating range relative to the operating voltage at AC

? at 50 Hz 40 ... 660 V

? at 60 Hz 40 ... 660 V

operational current

? at AC-51 rated value 20 A

? according to UL 508 rated value 20 A

ampacity maximum 20 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 1 200 V

reverse current of the thyristor 10 mA

derating temperature....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send SIEMENS / 3RF2020-1AA45 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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