

INDUSTRIAL COMPONENT DATA

3RF2190-2AA24 SIEMENS Semiconductor relay, 1-phase 3RF2 Overall width 22.5 mm, 90 A 48-460 V / 110-230 V AC ..

Brand: SIEMENS | Manufacturer Part Number: 3RF2190-2AA24



Manufacturer	SIEMENS
MPN / Reference	3RF2190-2AA24
Catalog number	21902
Category	Power contactor, AC switching
Minimum order	1 Pcs
Document ID	EO-E2E740800F
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Product Overview

Semiconductor relay, 1-phase 3RF2 Overall width 22.5 mm, 90 A 48-460 V / 110-230 V AC Spring-type terminal SIRIUS, 3RF2 solid state relay, width 22.5mm 90A 230-460V / 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

Semiconductor relay, 1-phase 3RF2 Overall width 22.5 mm, 90 A 48-460 V / 110-230 V AC Spring-type terminal

product brand name SIRIUS

product designation solid-state relay

design of the product single-phase

product type designation 3RF21

General technical data

product function zero-point switching

power loss [V•A] maximum 118 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 48 ... 460 V
? at 60 Hz rated value 48 ... 460 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 ... 506 V
? at 60 Hz 40 ... 506 V
operational current
? at AC-51 rated value 20 A
? according to UL 508 rated value 20 A
ampacity maximum 90 A
operational current minimum 500 mA
rate of voltage rise at the thyristor for main contacts maximum permissible 1 000 V/ μ s
blocking voltage at the thyristor for main contacts m...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send SIEMENS / 3RF2190-2AA24 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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