

INDUSTRIAL COMPONENT DATA

3RF2190-1BA04 SIEMENS Semiconductor relay, 1-phase 3RF2 Overall width 22.5 mm, 90 A 48-460 V / 24 V DC screw..

Brand: SIEMENS | Manufacturer Part Number: 3RF2190-1BA04



Manufacturer	SIEMENS
MPN / Reference	3RF2190-1BA04
Catalog number	21901
Category	Power contactor, AC switching
Minimum order	1 Pcs
Document ID	EO-AE585A61DD
Generated	2026-08-04

Product Overview

Semiconductor relay, 1-phase 3RF2 Overall width 22.5 mm, 90 A 48-460 V / 24 V DC screw terminal Instantaneous switching

SIRIUS, 3RF2 solid state relay, width 22.5mm, 90A 48-460V / 24V DC Instant Switching Screw 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 / 24 V DC screw terminal Instantaneous switching

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 3RF2990-0HA16

? _3 of the accessories that can be ordered 3RF2900-0EA18

? _4 of the accessories that can be ordered 3RF2990-0GA16

? _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 instantaneous switching

power loss [V•A] maximum 118 VA

power loss [W] for rated value of the current without load current share typical 0.4 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 contact...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send SIEMENS / 3RF2190-1BA04 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 PI #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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