

INDUSTRIAL COMPONENT DATA

3RF2430-1AB55 SIEMENS Solid-state contactor 3-phase 3RF2 AC 51 / 30 A / 40 °C 48-600 V / 230 V AC 2-phase co..

Brand: SIEMENS | Manufacturer Part Number: 3RF2430-1AB55



Manufacturer	SIEMENS
MPN / Reference	3RF2430-1AB55
Catalog number	24301
Category	Power contactor, AC switching
Minimum order	1 Pcs
Document ID	EO-EF74B6C357
Generated	2026-08-05

Product Overview

Solid-state contactor 3-phase 3RF2 AC 51 / 30 A / 40 °C 48-600 V / 230 V AC 2-phase controlled screw terminal Blocking voltage 1200 V

SIRIUS Three-phase solid state contactor 3RF2 AC51 30A 40 Degrees C 48-600V / 230V AC 2 Phases Controlled Screw Connection reverse voltage 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

Solid-state contactor 3-phase 3RF2 AC 51 / 30 A / 40 °C 48-600 V / 230 V AC 2-phase controlled screw terminal Blocking voltage 1200 V

product brand name SIRIUS

product designation solid-state contactor

design of the product two-phase controlled

product type designation 3RF24

General technical data

product function zero-point switching

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

insulation voltage rated value 600 V

degree of pollution 3

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) 07/01/2006
Main circuit
number of poles for main current circuit 3
number of NO contacts for main contacts 2
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 30 A
? at AC-51 according to IEC 60947-4-3 22 A
? according to UL 508 rated value 22 A
operational current minimum 500 mA
rate of voltage rise at the thyristor for main contacts maximum permissible 1 000 V/μs
blo...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send SIEMENS / 3RF2430-1AB55 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.