

INDUSTRIAL COMPONENT DATA

3RV2421-1BA10 SIEMENS Circuit breaker size S0 For transformer protection A-release 1.4...2 A Short-circuit r..

Brand: SIEMENS | Manufacturer Part Number: 3RV2421-1BA10



Manufacturer	SIEMENS
MPN / Reference	3RV2421-1BA10
Catalog number	10000
Category	Power circuit-breaker for trafo/generator/installation protection
Minimum order	1 Pcs
Document ID	EO-691ABF4CEC
Generated	2026-08-06

Product Overview

Circuit breaker size S0 For transformer protection A-release 1.4...2 A Short-circuit release 42 A Screw terminal Standard switching capacity

Automatic switch size S0 for transformer protection Overload trigger with delay according to intensity 1,4...2 A Short circuit trigger 42 A screw terminal standard cutting power

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 > Motor protection switches**

Additional Product Information

Technical data

Circuit breaker size S0 For transformer protection A-release 1.4...2 A Short-circuit release 42 A Screw terminal Standard switching capacity

product brand name SIRIUS

product designation Circuit breaker

design of the product For transformer protection

product type designation 3RV2

General technical data

size of the circuit-breaker S0

size of contactor can be combined company-specific S00, S0

product extension auxiliary switch Yes

power loss [W] for rated value of the current

? at AC in hot operating state 5.5 W
? at AC in hot operating state per pole 1.8 W
insulation voltage with degree of pollution 3 at AC rated value 690 V
surge voltage resistance rated value 6 kV
maximum permissible voltage for safe isolation in networks with grounded star point
? between main and auxiliary circuit 400 V
? between main and auxiliary circuit 400 V
shock resistance according to IEC 60068-2-27 25g / 11 ms
mechanical service life (switching cycles)
? of the main contacts typical 100 000
? of auxiliary contacts typical 100 000
electrical endurance (switching cycles) typical 100 000
reference code according to IEC 81346-2 Q
Substance Prohibitance (Date) 10/01/2009
Ambient conditions
installation altitude at height above sea level maximum 2 000 m
ambient temperature
? during operation -20 ... +60 °C
? during storage -50 ... +80 °C
? during transport -50 ... +80 °C
temperature compensation -20 ... +60 °C
relative humidity during operation 10 ... 95 %
Main circuit
number of poles fo...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send SIEMENS / 3RV2421-1BA10 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.