

INDUSTRIAL COMPONENT DATA

3RV2031-4VA10 SIEMENS Circuit breaker size S2 for motor protection, CLASS 10 A-release 35...45 A N-release 6..

Brand: SIEMENS | Manufacturer Part Number: 3RV2031-4VA10



Manufacturer	SIEMENS
MPN / Reference	3RV2031-4VA10
Catalog number	20314
Category	Motor protection circuit-breaker
Minimum order	1 Pcs
Document ID	EO-736A0F96EB
Generated	2026-08-04

Product Overview

Circuit breaker size S2 for motor protection, CLASS 10 A-release 35...45 A N-release 650 A screw terminal Standard switching capacity

MOTOR GUARD, SIZE S2, PROTEC. MOTOR, I NOMINAL 45A, CLASE10, 35-45A, I INST. 650A, 65KA, SCREW TERMINALS.

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 S2 for motor protection, CLASS 10 A-release 35...45 A N-release 650 A screw terminal Standard switching capacity

product brand name SIRIUS

product designation Circuit breaker

design of the product For motor protection

product type designation 3RV2

General technical data

size of the circuit-breaker S2

size of contactor can be combined company-specific S2

product extension auxiliary switch Yes

power loss [W] for rated value of the current

? at AC in hot operating state 24.5 W
? at AC in hot operating state per pole 8.2 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 Sinus
mechanical service life (switching cycles)
? of the main contacts typical 50 000
? of auxiliary contacts typical 50 000
electrical endurance (switching cycles) typical 50 000
type of protection according to ATEX directive 2014/34/EU Ex II (2) GD
certificate of suitability according to ATEX directive 2014/34/EU DMT 02 ATEX F 001
reference code according to IEC 81346-2 Q
Substance Prohibitance (Date) 10/15/2014
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 tr...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send SIEMENS / 3RV2031-4VA10 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.