

INDUSTRIAL COMPONENT DATA

3RV2021-1CA25 SIEMENS Circuit breaker size S0 for motor protection, CLASS 10 A-release 1.8...2.5 A N-release..

Brand: SIEMENS | Manufacturer Part Number: 3RV2021-1CA25



Manufacturer	SIEMENS
MPN / Reference	3RV2021-1CA25
Catalog number	20211
Category	Motor protection circuit-breaker
Minimum order	1 Pcs
Document ID	EO-7CE5F3516D
Generated	2026-08-05

Product Overview

Circuit breaker size S0 for motor protection, CLASS 10 A-release 1.8...2.5 A N-release 33 A Spring-type terminal Standard switching capacity with transverse auxiliary switches 1 NO+1 NC
CIRCUIT-BREAKER SZ S0, FOR MOTOR PROTECTION, CLASS 10, A-REL.1.8... 2.5A, N-REL.33A SPRING-L. CONNECTION, STANDARD SW. CAPACITY W. TRANSVERSE AUX. 1NO+1NC SWITCH.

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 motor protection, CLASS 10 A-release 1.8...2.5 A N-release 33 A Spring-type terminal Standard switching capacity with transverse auxiliary switches 1 NO+1 NC

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 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 7.25 W
? at AC in hot operating state per pole 2.4 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
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) 10/01/2009
Ambient conditions
installation altitude at height above sea level maximum 2 000 m
ambient temperature
? during operation -20....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send SIEMENS / 3RV2021-1CA25 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.