

INDUSTRIAL COMPONENT DATA

3RV2142-4JA10 SIEMENS Circuit breaker size S3 for motor protection CLASS 10 with overload relay function A-r..

Brand: SIEMENS | Manufacturer Part Number: 3RV2142-4JA10



Manufacturer	SIEMENS
MPN / Reference	3RV2142-4JA10
Catalog number	21424
Category	Motor protection circuit-breaker
Minimum order	1 Pcs
Document ID	EO-ECF130A31F
Generated	2026-08-04

Product Overview

Circuit breaker size S3 for motor protection CLASS 10 with overload relay function A-release 45...63 A N-release 819 A screw terminal Increased switching capacity 100 kA
CIRCUIT-BREAKER SIZE S3, FOR MOTOR PROTECTION, CLASS 10, WITH OVERLOAD RELAY FUNCTION A-REL. 45...63A, N-REL. 819A, SCREW CONNECTION INCREASED BREAKING CAPACITY.

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 S3 for motor protection CLASS 10 with overload relay function A-release 45...63 A N-release 819 A screw terminal Increased switching capacity 100 kA

product brand name SIRIUS

product designation Circuit breaker

design of the product For motor protection with overload relay function

product type designation 3RV2

General technical data

size of the circuit-breaker S3

size of contactor can be combined company-specific S3

product extension auxiliary switch Yes

power loss [W] for rated value of the current

? at AC in hot operating state 34 W
? at AC in hot operating state per pole 11.3 W
insulation voltage with degree of pollution 3 at AC rated value 1 000 V
surge voltage resistance rated value 8 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 25 000
? of auxiliary contacts typical 25 000
electrical endurance (switching cycles) typical 25 000
reference code according to IEC 81346-2 Q
Substance Prohibitance (Date) 03/01/2017
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 o...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send SIEMENS / 3RV2142-4JA10 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.