

**INDUSTRIAL COMPONENT DATA**

# 3RV2742-5BD10 SIEMENS Circuit breaker size S3 for system protection with approval circuit breaker UL 489, CS..

Brand: SIEMENS | Manufacturer Part Number: 3RV2742-5BD10



|                 |                                                                   |
|-----------------|-------------------------------------------------------------------|
| Manufacturer    | SIEMENS                                                           |
| MPN / Reference | 3RV2742-5BD10                                                     |
| Catalog number  | 27425                                                             |
| Category        | Power circuit-breaker for trafo/generator/installation protection |
| Minimum order   | 1 Pcs                                                             |
| Document ID     | EO-C3B73BDA07                                                     |
| Generated       | 2026-08-06                                                        |

## Product Overview

Circuit breaker size S3 for system protection with approval circuit breaker UL 489, CSA C22.2 No.5-02 A-release 15 A N-release 225 A screw terminal

CIRCUIT-BREAKER, SIZE S3, FOR PLANT PROTECTION, WITH APPROVAL CIRCUIT-BREAKER UL 489, CSA C22.2 NO.5-02, A-TRIGGER 15 A, N-TRIGGER 225 A, SCREW CONNECTION,.

**STRUCTURED PRODUCT DATA**

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification & Catalog Path

Catalog path      SIEMENS &gt; CONTROL AND CONTACTORS &gt; Motor protection switches

## Additional Product Information

**Technical data**

Circuit breaker size S3 for system protection with approval circuit breaker UL 489, CSA C22.2 No.5-02 A-release 15 A N-release 225 A screw terminal

product brand name SIRIUS

product designation Circuit breaker

design of the product For system protection according to UL 489/CSA C22.2 No. 5

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 14 W  
? at AC in hot operating state per pole 4.7 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 operation 10 .....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send SIEMENS / 3RV2742-5BD10 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://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.