

**INDUSTRIAL COMPONENT DATA**

# 3RT2017-4KB42 SIEMENS power contactor, AC-3 12 A, 5.5 kW / 400 V 1 NC, 24 V DC 0.7-1.25\* US, with suppressor..

Brand: SIEMENS | Manufacturer Part Number: 3RT2017-4KB42



|                 |                               |
|-----------------|-------------------------------|
| Manufacturer    | SIEMENS                       |
| MPN / Reference | 3RT2017-4KB42                 |
| Catalog number  | 20174                         |
| Category        | Power contactor, AC switching |
| Minimum order   | 1 Pcs                         |
| Document ID     | EO-0768B8D7E0                 |
| Generated       | 2026-08-05                    |

## Product Overview

power contactor, AC-3 12 A, 5.5 kW / 400 V 1 NC, 24 V DC 0.7-1.25\* US, with suppressor diode integrated 3-pole, size S00 ring cable lug connection suitable for PLC outputs not expandable with auxiliary switch  
CONTACT AC, AC-3, 5.5KW/400V , 1NC, DC 24V, 0.7...1.25\*US, WITH INTEGRATED SUPPRESSOR DIODE, 3 POLES, TAM. S00, FOR EYELET TERMINALS. Manufactured to order. Non-Cancelable Non-Returnable.

**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 > Contactors for switching motors**

## Additional Product Information

**Technical data**

power contactor, AC-3 12 A, 5.5 kW / 400 V 1 NC, 24 V DC 0.7-1.25\* US, with suppressor diode integrated 3-pole, size S00 ring cable lug connection suitable for PLC outputs not expandable with auxiliary switch

product brand name SIRIUS

product designation Coupling contactor

product type designation 3RT2

**General technical data**

size of contactor S00

product extension

? function module for communication No

? auxiliary switch No

power loss [W] for rated value of the current

? at AC in hot operating state 3.6 W  
? at AC in hot operating state per pole 1.2 W  
? without load current share typical 2.8 W  
insulation voltage  
? of main circuit with degree of pollution 3 rated value 690 V  
? of auxiliary circuit with degree of pollution 3 rated value 690 V  
surge voltage resistance  
? of main circuit rated value 6 kV  
? of auxiliary circuit rated value 6 kV  
maximum permissible voltage for safe isolation between coil and main contacts according to EN 60947-1 400 V  
shock resistance at rectangular impulse  
? at DC 7.3g / 5 ms, 4.7g / 10 ms  
shock resistance with sine pulse  
? at DC 11.4g / 5 ms, 7.3g / 10 ms  
mechanical service life (switching cycles)  
? of contactor typical 30 000 000  
? of the contactor with added electronically optimized auxiliary switch block typical 5 000 000  
? of the contactor with added auxiliary switch block typical 10 000 000  
reference code according to IEC 81346-2 Q  
Substance Prohibitance (Date) 10/01/2009  
Ambient conditions  
installation altitude at height above...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send SIEMENS / 3RT2017-4KB42 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

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