

**INDUSTRIAL COMPONENT DATA**

# 3RT2448-1NB30 SIEMENS Contactor, AC-1, 160 A/690 V/40 °C, S3, 3-pole, 20-33 V AC/DC, with varistor, 1 NO+1 N..

Brand: SIEMENS | Manufacturer Part Number: 3RT2448-1NB30



|                 |                               |
|-----------------|-------------------------------|
| Manufacturer    | SIEMENS                       |
| MPN / Reference | 3RT2448-1NB30                 |
| Catalog number  | 24481                         |
| Category        | Power contactor, AC switching |
| Minimum order   | 1 Pcs                         |
| Document ID     | EO-8A3A24C196                 |
| Generated       | 2026-08-06                    |

## Product Overview

Contactor, AC-1, 160 A/690 V/40 °C, S3, 3-pole, 20-33 V AC/DC, with varistor, 1 NO+1 NC, box terminal/screw terminal  
 CONTACTOR, AC1:160A, 20-33 V AC/DC, 3-POLE, 3NO, SIZE: S3, SCREW TERMINALS 1NO+1NC, VARISTOR  
 INTEGR.. 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**

Contactor, AC-1, 160 A/690 V/40 °C, S3, 3-pole, 20-33 V AC/DC, with varistor, 1 NO+1 NC, box terminal/screw terminal

product brand name SIRIUS

product designation Contactor

product type designation 3RT24

**General technical data**

size of contactor S3

product extension

? function module for communication No

? auxiliary switch Yes

power loss [W] for rated value of the current

? at AC in hot operating state 38.4 W

? at AC in hot operating state per pole 12.8 W

? without load current share typical 2.7 W  
insulation voltage  
? of main circuit with degree of pollution 3 rated value 1 000 V  
? of auxiliary circuit with degree of pollution 3 rated value 690 V  
surge voltage resistance  
? of main circuit rated value 8 kV  
? of auxiliary circuit rated value 6 kV  
shock resistance at rectangular impulse  
? at AC 6.7 g / 5 ms, 4.0 g / 10 ms  
? at DC 6.7 g / 5 ms, 4.0 g / 10 ms  
shock resistance with sine pulse  
? at AC 10.6 g / 5 ms, 6.3 g / 10 ms  
? at DC 10.6 g / 5 ms, 6.3 g / 10 ms  
mechanical service life (switching cycles)  
? of contactor typical 10 000 000  
? 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) 04/28/2017  
Ambient conditions  
installation altitude at height above sea level maximum 2 000 m  
ambient temperature  
? during operation -25 ... +60 °C  
? during storage -55 ... +80 °C  
relative humid...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send SIEMENS / 3RT2448-1NB30 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

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