

**INDUSTRIAL COMPONENT DATA**

# 3RT2316-1BF40 SIEMENS Contactor, AC-1, 18 A/400 V/40 °C, S00, 4-pole, 110 V DC, screw terminal

Brand: SIEMENS | Manufacturer Part Number: 3RT2316-1BF40



|                 |                               |
|-----------------|-------------------------------|
| Manufacturer    | SIEMENS                       |
| MPN / Reference | 3RT2316-1BF40                 |
| Catalog number  | 23161                         |
| Category        | Power contactor, AC switching |
| Minimum order   | 1 Pcs                         |
| Document ID     | EO-C3B4B8ECCC                 |
| Generated       | 2026-08-05                    |

## Product Overview

Contactor, AC-1, 18 A/400 V/40 °C, S00, 4-pole, 110 V DC, screw terminal

SIRIUS Innovations Contactor, AC-1, 12KW/400V, AC-1 18A, DC 110V, 4-pole, 4NA, S00, 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 > CONTROL AND CONTACTORS > Contactors for switching motors |
|--------------|--------------------------------------------------------------------|

## Additional Product Information

Technical data

Contactor, AC-1, 18 A/400 V/40 °C, S00, 4-pole, 110 V DC, screw terminal

product brand name SIRIUS

product designation Contactor

product type designation 3RT23

General technical data

size of contactor S00

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 4.4 W

? at AC in hot operating state per pole 1.1 W

? without load current share typical 4 W

insulation voltage

? of main circuit with degree of pollution 3 rated value 690 V

? of the auxiliary and control 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

shock resistance at rectangular impulse

? at DC 6,7g / 5 ms, 4,2g / 10 ms

shock resistance with sine pulse

? at DC 10,5g / 5 ms, 6,6g / 10 ms

mechanical service life (switching cycles)

? of contactor typical 30 000 000

? 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 sea level maximum 2 000 m

ambient temperature

? during operation -25 ... +60 °C

? during storage -55 ... +80 °C

relative humidity minimum 10 %

relative humidity at 55 °C according to IEC 60068-2-30 maximum 95 %

Main circuit

number of poles for main current circuit 4

number of NO contacts for main contacts 4

operational current

? a...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send SIEMENS / 3RT2316-1BF40 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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