

INDUSTRIAL COMPONENT DATA

3RT2016-1BW42 SIEMENS Power contactor, AC-3 9 A, 4 kW / 400 V 1 NC, 48 V DC 3-pole, Size S00 screw terminal

Brand: SIEMENS | Manufacturer Part Number: 3RT2016-1BW42



Manufacturer	SIEMENS
MPN / Reference	3RT2016-1BW42
Catalog number	20161
Category	Power contactor, AC switching
Minimum order	1 Pcs
Document ID	EO-ADF2522F5E
Generated	2026-08-04

Product Overview

Power contactor, AC-3 9 A, 4 kW / 400 V 1 NC, 48 V DC 3-pole, Size S00 screw terminal
SIRIUS Innovations Contactor, AC-3, 4KW/400V, 1NC, DC 48V, 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

Power contactor, AC-3 9 A, 4 kW / 400 V 1 NC, 48 V DC 3-pole, Size S00 screw terminal

product brand name SIRIUS

product designation Power contactor

product type designation 3RT2

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 2.1 W

? at AC in hot operating state per pole 0.7 W

? without load current share typical 4 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 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 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 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 / 3RT2016-1BW42 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.