

INDUSTRIAL COMPONENT DATA

3RT2018-2AV02 SIEMENS Power contactor, AC-3 16 A, 7.5 kW / 400 V 1 NC, 400 V AC, 50/60 Hz 3-pole, Size S00 S..

Brand: SIEMENS | Manufacturer Part Number: 3RT2018-2AV02



Manufacturer	SIEMENS
MPN / Reference	3RT2018-2AV02
Catalog number	20182
Category	Power contactor, AC switching
Minimum order	1 Pcs
Document ID	EO-9AA6F952D7
Generated	2026-08-06

Product Overview

Power contactor, AC-3 16 A, 7.5 kW / 400 V 1 NC, 400 V AC, 50/60 Hz 3-pole, Size S00 Spring-type terminals
CONTACTOR, AC-3, 7.5KW/400V, 1NC, AC 400V, 50/60 HZ, 3 POLES, TAM. S00 SPRING 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 16 A, 7.5 kW / 400 V 1 NC, 400 V AC, 50/60 Hz 3-pole, Size S00 Spring-type terminals

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 6.6 W

? at AC in hot operating state per pole 2.2 W

? without load current share typical 5.7 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 AC 7,3g / 5 ms, 4,7g / 10 ms

shock resistance with sine pulse

? at AC 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 sea level maximum 2 000 m

ambient temperature

? during operation -25 ... +60 °C

? during storage -55

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send SIEMENS / 3RT2018-2AV02 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.