

INDUSTRIAL COMPONENT DATA

3RT2018-2FB42 SIEMENS Power contactor, AC-3 16 A, 7.5 kW / 400 V 1 NC, 24 V DC with integrated diode, 3-pole..

Brand: SIEMENS | Manufacturer Part Number: 3RT2018-2FB42



Manufacturer	SIEMENS
MPN / Reference	3RT2018-2FB42
Catalog number	20182
Category	Power contactor, AC switching
Minimum order	1 Pcs
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Product Overview

Power contactor, AC-3 16 A, 7.5 kW / 400 V 1 NC, 24 V DC with integrated diode, 3-pole, Size S00 Spring-type terminals

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, 24 V DC with integrated diode, 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 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 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 sea level maximum 2 000 m
ambient temperature
? during operation -25 ... +60 °C
? during stor...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send SIEMENS / 3RT2018-2FB42 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 PI #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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