

INDUSTRIAL COMPONENT DATA

3RT2046-3KB40 SIEMENS power contactor, AC-3 95 A, 45 kW / 400 V 1 NO + 1 NC, 24 V DC 3-pole, 3 NO, Size S3 S..

Brand: SIEMENS | Manufacturer Part Number: 3RT2046-3KB40



Manufacturer	SIEMENS
MPN / Reference	3RT2046-3KB40
Catalog number	20463
Category	Power contactor, AC switching
Minimum order	1 Pcs
Document ID	EO-0A6156CB0A
Generated	2026-08-06

Product Overview

power contactor, AC-3 95 A, 45 kW / 400 V 1 NO + 1 NC, 24 V DC 3-pole, 3 NO, Size S3 Spring-type terminal integrated varistor Suitable for 2 A PLC outputs
COUPL. CONT.,AC3:45KW/400V, 1NO+1NC, 24 V DC, 3-POLE, 3NO, SIZE: S3, SPRING-TYPE TERMINALS, INTEGRATED VARISTOR, SUITABLE FOR 2A PLC-OUTPUTS.

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 95 A, 45 kW / 400 V 1 NO + 1 NC, 24 V DC 3-pole, 3 NO, Size S3 Spring-type terminal integrated varistor Suitable for 2 A PLC outputs
product brand name SIRIUS
product designation Coupling contactor
product type designation 3RT2
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 19.8 W
? at AC in hot operating state per pole 6.6 W
? without load current share typical 0.9 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
maximum permissible voltage for safe isolation between coil and main contacts according to EN 60947-1 690 V
shock resistance at rectangular impulse
? at AC 6.3 g / 5 ms, 3.6 g / 10 ms
? at DC 6.3 g / 5 ms, 3.6 g / 10 ms
shock resistance with sine pulse
? at AC 9.8 g / 5 ms, 5.6 g / 10 ms
? at DC 9.8 g / 5 ms, 5.6 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) 03/01/2017
Ambient conditions
installation....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send SIEMENS / 3RT2046-3KB40 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.