

INDUSTRIAL COMPONENT DATA

3RT2045-1AK60 SIEMENS power contactor, AC-3 80 A, 37 kW / 400 V 1 NO + 1 NC, 110 V AC/50 Hz 120 V/60 Hz 3-po..

Brand: SIEMENS | Manufacturer Part Number: 3RT2045-1AK60



Manufacturer	SIEMENS
MPN / Reference	3RT2045-1AK60
Catalog number	20451
Category	Power contactor, AC switching
Minimum order	1 Pcs
Document ID	EO-F311468F08
Generated	2026-08-06

Product Overview

power contactor, AC-3 80 A, 37 kW / 400 V 1 NO + 1 NC, 110 V AC/50 Hz 120 V/60 Hz 3-pole, 3 NO, Size S3 screw terminal

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
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Additional Product Information

Technical data

power contactor, AC-3 80 A, 37 kW / 400 V 1 NO + 1 NC, 110 V AC/50 Hz 120 V/60 Hz 3-pole, 3 NO, Size S3 screw terminal

product brand name SIRIUS

product designation Power 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 15.9 W

? at AC in hot operating state per pole 5.3 W

? without load current share typical 22 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 6.7 g / 5 ms, 4.0 g / 10 ms

shock resistance with sine pulse

? at AC 10.6 g / 5 ms, 6.3 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 altitude at height above sea level maximum 2 000 m

ambient temperature

? during operation -25 ... +60 °C

? duri...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send SIEMENS / 3RT2045-1AK60 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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