

INDUSTRIAL COMPONENT DATA

3RT1045-1AK20 SIEMENS Power contactor, AC-3 80 A, 37 kW / 400 V 120 V AC, 50/60 Hz 3-pole, Size S3 Screw ter..

Brand: SIEMENS | Manufacturer Part Number: 3RT1045-1AK20



Manufacturer	SIEMENS
MPN / Reference	3RT1045-1AK20
Catalog number	10451
Category	Power contactor, AC switching
Minimum order	1 Pcs
Document ID	EO-9589BDBBEF
Generated	2026-08-05

Product Overview

Power contactor, AC-3 80 A, 37 kW / 400 V 120 V AC, 50/60 Hz 3-pole, Size S3 Screw terminal !!! Phased-out product !!!
 Successor is SIRIUS 3RT2

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

ETIM: EC000066 - Power contactor, AC switching
 Value Unit
 Rated operation power NEMA (EF011960) - kW
 Rated control supply voltage Us at DC (EF003980) - V
 Rated control supply voltage Us at AC 50HZ (EF003978) ['120', '120'] V
 Rated control supply voltage Us at AC 60HZ (EF003979) ['120', '120'] V
 Voltage type for actuating (EF008242) AC
 Rated operation current Ie at AC-1, 400 V (EF001393) 120 A
 Rated operation current Ie at AC-3, 400 V (EF001392) 80 A
 Rated operation power at AC-3, 400 V (EF001364) 37.0 kW
 Rated operation current Ie at AC-4, 400 V (EF008495) 66 A
 Rated operation power at AC-4, 400 V (EF008496) 37.0 kW
 Modular version (EF001126) true
 Number of auxiliary contacts as normally open contact (EF001376) 0

Number of auxiliary contacts as normally closed contact (EF001377) 0

Type of electrical connection of main circuit (EF006819) Screw connection

Number of normally closed contacts as main contact (EF001375) 0

Number of main contacts as normally open contact (EF001374) 3

Power contactor, AC-3 80 A, 37 kW / 400 V 120 V AC, 50/60 Hz 3-pole, Size S3 Screw terminal !!! Phased-out product !!!

Successor is SIRIUS 3RT2

product brand name SIRIUS

Product designation power contactor

General technical data

Size of contactor S3

? Insulation voltage rated value 1 000 V

Degree of pollution 3

Surge voltage resistance rated value 6 kV

maximum permissible voltage for safe isolation

? between coil and main contacts acc. to EN 60947-1 690 V

? protection class IP on the front IP20; IP20 o...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send SIEMENS / 3RT1045-1AK20 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.