

## INDUSTRIAL COMPONENT DATA

**3RT1045-1AN20 SIEMENS Power contactor, AC-3 80 A, 37 kW / 400 V 220 V AC, 50/60 Hz 3-pole, Size S3 Screw ter..**

Brand: SIEMENS | Manufacturer Part Number: 3RT1045-1AN20



|                 |                               |
|-----------------|-------------------------------|
| Manufacturer    | SIEMENS                       |
| MPN / Reference | 3RT1045-1AN20                 |
| Catalog number  | 10451                         |
| Category        | Power contactor, AC switching |
| Minimum order   | 1 Pcs                         |
| Document ID     | EO-5EAE0893AB                 |
| Generated       | 2026-08-05                    |

**Product Overview**

Power contactor, AC-3 80 A, 37 kW / 400 V 220 V AC, 50/60 Hz 3-pole, Size S3 Screw terminal !!! Phased-out product !!!  
Successor is SIRIUS 3RT2 Preferred successor type is >>3RT2038-1AN20

## 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 control supply voltage Us at DC (EF003980) - V  
Rated operation power NEMA (EF011960) - kW  
Rated control supply voltage Us at AC 50HZ (EF003978) ['220', '220'] V  
Rated control supply voltage Us at AC 60HZ (EF003979) ['220', '220'] 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

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## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send SIEMENS / 3RT1045-1AN20 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://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

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