

3RT2018-2AP01 Siemens 230VAC 7.5kW 16A S00 Power Contactor Datasheet



Brand: Siemens

SKU: 943862437653

Category: Process Sensors

Price: **\$111.43**

E-mail: sales@equipspares.com

Web: <https://www.equipspares.com>

Product Page:

<https://www.equipspares.com/product/3rt2018-2ap01-siemens-230vac-7-5kw-16a-s00-power-contactor>

Product Description

Siemens 3RT2018-2AP01 is a size S00 power contactor measuring 70 mm x 45 mm x 73 mm with a 230 V AC 50/60 Hz coil and 7.5 kW power rating at 400 V. The unit features three main NO contacts and one auxiliary NO contact housed in an IP20 rated enclosure. It utilizes spring-type terminals for vibration-resistant wiring and is designed for a mechanical service life of 30,000,000 cycles. The internal architecture includes a climate-proof design suitable for ambient temperatures ranging from -25 °C to +60 °C.

3RT2018-2AP01 Specifications

Model Number: 3RT2018-2AP01

Brand: Siemens

Product Series: SIRIUS 3RT2

Product Category: Power Contactor

Size: S00

Number of Poles: 3 poles

Main Contacts: 3 NO

Auxiliary Contacts: 1 NO

Control Supply Voltage: 230 V AC

Frequency: 50/60 Hz

Operational Current (AC-3, 400 V): 16 A

Operational Power (AC-3, 400 V): 7.5 kW

Operational Current (AC-1, 690 V): 22 A

Insulation Voltage: 690 V

Surge Voltage Resistance: 6 kV

Protection Class: IP20

Connection Type: Spring-type terminals (Cage Clamp)

Mounting Type: Screw and snap-on mounting onto 35 mm standard rail

Dimensions (H x W x D): 70 mm x 45 mm x 73 mm

Net Weight: 0.254 kg

Ambient Operating Temperature: -25 to +60 °C

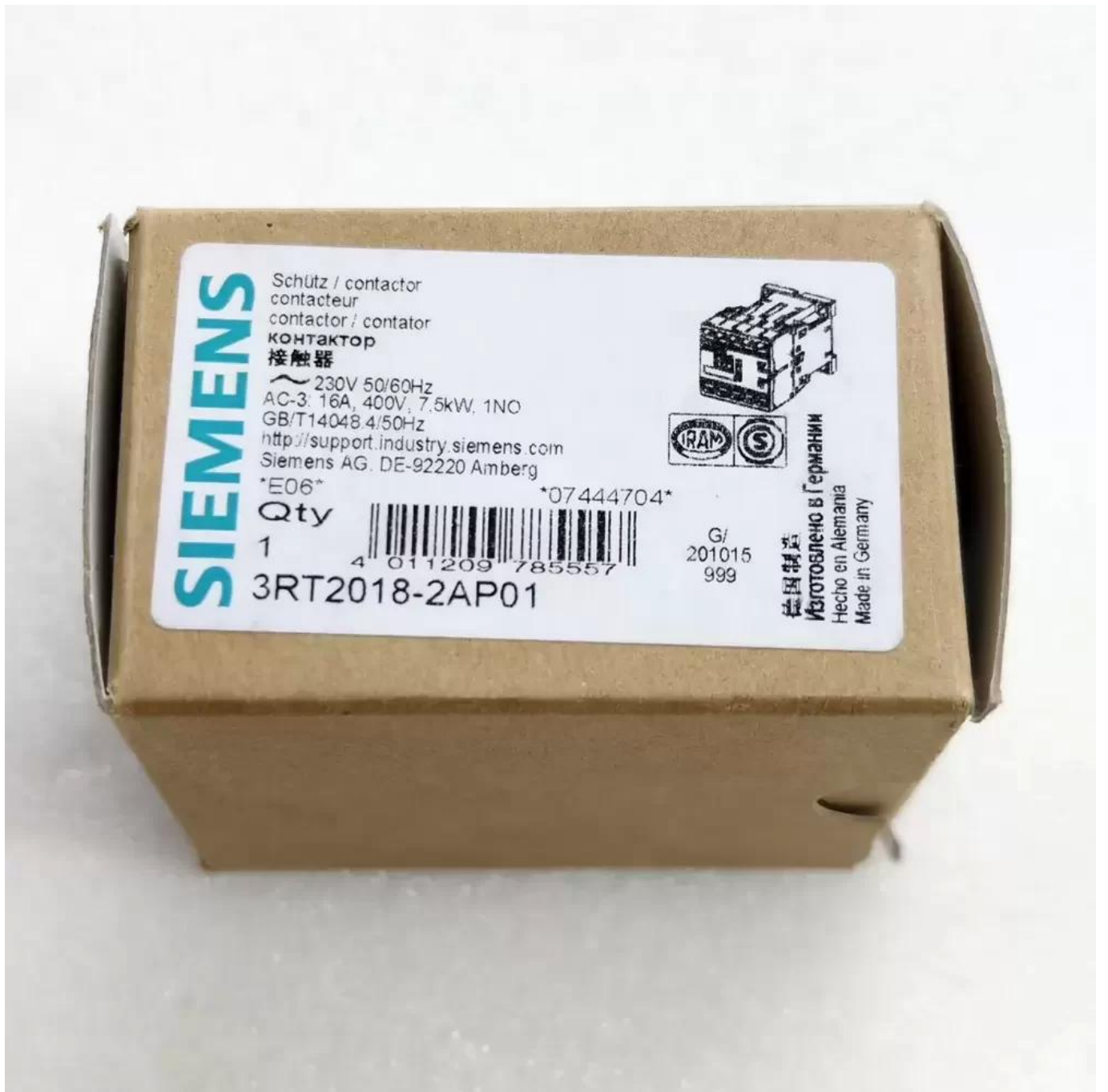
Mechanical Service Life: 30,000,000 cycles

Certifications: CE, UL, CSA, CCC, EAC

3RT2018-2AP01 Applications

Primary applications include integration into motor control centers, automated assembly lines, and HVAC pump systems. Deployed within industrial control cabinets for the switching of resistive loads and three-phase induction motors in conveyor technology and packaging machinery.

Supplemental Images



SIEMENS

Schütz / contactor
contacteur
contactor / contator
контактор
接触器

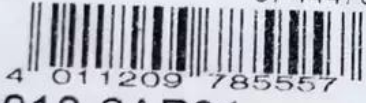
~ 230V 50/60Hz
AC-3: 16A, 400V, 7.5kW, 1NO
GB/T14048.4/50Hz
<http://support.industry.siemens.com>
Siemens AG, DE-92220 Amberg

E06

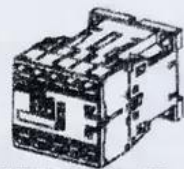
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Hecho en Alemania
Made in Germany