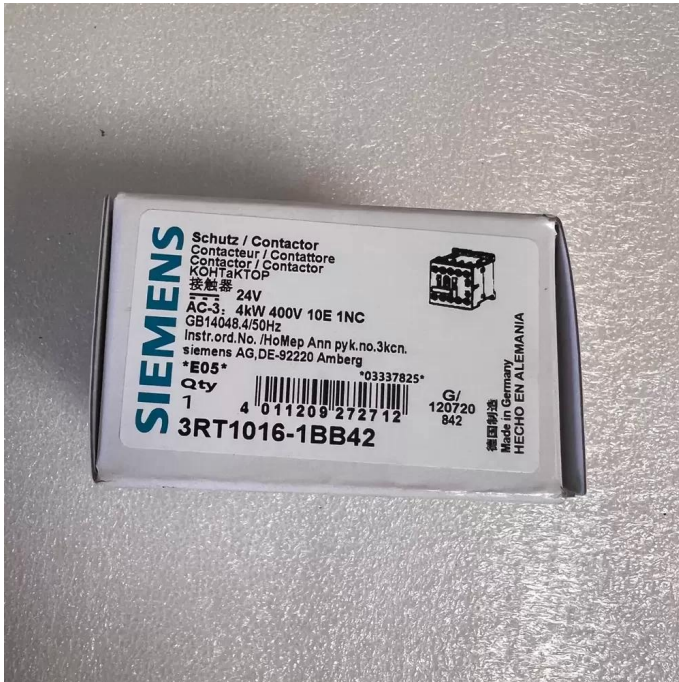


3RT1016-1BB42 Siemens 24VDC 4kW 9A 3-Pole Contactor Datasheet



Brand: Siemens

SKU: 1039392874061

Category: Electric Motors & Drives

Price: **\$112.86**

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/3rt1016-1bb42-siemens-24vdc-4kw-9a-3-pole-contactor>

Product Description

The Siemens 3RT1016-1BB42 is a size S00 3-pole power contactor featuring a 24 VDC control supply voltage, a 4 kW power rating, and a 9 A nominal operating current at 400 VAC. Constructed with an IP20-rated thermoplastic housing, the unit integrates three normally open main contacts and one normally closed auxiliary contact, utilizing standard screw terminals for secure electrical connections. The internal electromagnetic coil operates with a 3.3 W closing and holding power, enabling a mechanical service life of up to 30,000,000 switching cycles, while the chassis supports direct snap-on mounting to 35 mm DIN rails.

3RT1016-1BB42 Specifications

Model Number: 3RT1016-1BB42

Brand: Siemens

Product Family: SIRIUS

Product Category: Power Contactor

Contactor Size: S00

Number of Poles: 3

Main Contacts: 3 NO

Auxiliary Contacts: 1 NC

Control Supply Voltage: 24 VDC

Operating Current (AC-3 at 400 V): 9 A

Operating Current (AC-1 at 400 V, 40 °C): 22 A

Operating Power (AC-3 at 400 V): 4 kW

Coil Closing Power (DC): 3.3 W

Coil Holding Power (DC): 3.3 W

Power Loss per Conductor (AC-3): 0.7 W

Connection Type: Screw Terminals

Mounting Type: 35 mm DIN Rail

Protection Class: IP20

Mechanical Service Life: 30,000,000 cycles

Operating Temperature Range: -25 to 60 °C

Maximum Installation Altitude: 2000 m

Net Weight: 0.578 lb

3RT1016-1BB42 Applications

Primary applications include integration into industrial motor control centers, automated packaging machinery, and HVAC compressor panels. Deployed within conveyor drive systems and CNC machine tool power distribution units, this component manages high-frequency switching for 3-phase electric motors.

Supplemental Images

