

3RT1016-2BB42

Industrial automation components

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| Manufacturer | Siemens |
| Catalog number | 3rt1016-2bb42 |
| Category | Industrial automation components |
| Product type | Industrial automation components |
| Status | Active product |

Technical specification

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| Weight | 0.24 kgs |
| Product Type | Power Contactor |
| Product Family | SIRIUS |
| Control Voltage | 24 V DC |
| Rated Current | 9 A |
| Rated Power | 4 kW |
| Ambient Temperature Range | -25°C to +60°C |
| Mechanical Service Life | 30 million cycles |
| Enclosure Size | S00 |
| Auxiliary Contact | 1 NC |

Description

The Siemens 3RT1016-2BB42 is a compact and reliable power contactor from the SIRIUS series, designed for efficient motor control in industrial applications. This 3-pole contactor operates at a rated current of 9 A and is suitable for AC-3e/AC-3 applications up to 400 V, handling up to 4 kW of power. It features a 24 V DC control voltage and includes one normally closed (NC) auxiliary contact, enhancing its versatility in control circuits. The contactor is housed in a Size S00 enclosure, ensuring a compact footprint for space-constrained installations. With a mechanical service life of approximately 30 million switching cycles, it offers durability and long-term reliability. The 3RT1016-2BB42 is equipped with spring-type terminals, facilitating secure and efficient wiring. Designed to operate in ambient temperatures ranging from -25°C to +60°C, it is suitable for diverse environmental conditions. This contactor is a preferred choice for applications requiring robust performance and compact design.