3RW55271HA06

Industrial automation components

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Manufacturer	Siemens
Catalog number	3rw55271ha06
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Operating Voltage Range	200-690 V
Rated Current	93 A
Motor Power at 400 V	45 kW
Motor Power at 230 V	22 kW
Control Voltage	24 V AC/DC
Connection Type	Screw Terminals

Description

The Siemens 3RW55271HA06 is a high-performance SIRIUS soft starter designed for the soft starting and stopping of three-phase asynchronous motors. Operating within a voltage range of 200-690 V and handling a rated current of 93 A, it effectively manages motor inrush currents, reducing mechanical stress and enhancing system reliability.

This model supports motor power ratings up to 45 kW at 400 V and 22 kW at 230 V, making it suitable for a wide range of industrial applications. The integrated motor overload protection and internal bypass contribute to its compact design and energy efficiency.

Control is facilitated via a 24 V AC/DC input, and connections are made through screw terminals, ensuring secure and reliable operation. The 3RW55271HA06 is ideal for applications requiring smooth motor startups and stops, such as conveyor systems, pumps, and compressors, where reducing electrical and mechanical stress is crucial for extending equipment lifespan.

Automation Trader
960 Capability Green
Luton, Bedfordshire LU1 3PE
VAT ID: PL6463009354
REGON: 527345886
DUNS: 427734105
BDO: 000726360

Phone
+44 7418 359 399

Email
info@automationtrader.com

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