3RB29562TH2

Industrial automation components

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Manufacturer	Siemens
Catalog number	3rb29562th2
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Brand	Siemens
Part Number	3RB29562TH2
Product Type	Current Transformer
Adjustable Current Range	20 to 200 A
Mounting Method	Contactor mounting/stand-alone installation
Main Circuit Connection	Busbar connection
Protection Class (Front)	IP00; IP20 with box terminal/cover
Hazardous Location Approval	Ex II (2) GD, PTB 05 ATEX 3022

Description

The Siemens 3RB29562TH2 is a current transformer designed for use with SIRIUS Size S6 contactors, specifically models 3RB22, 3RB23, and 3RB24. It accommodates adjustable current settings ranging from 20 to 200 A, making it suitable for various industrial applications requiring precise current measurement and overload protection.

The transformer is engineered for both contactor mounting and stand-alone installation, providing flexibility in system design. It features a busbar connection for the main circuit, ensuring efficient and secure electrical connections.

The device complies with international safety standards, offering protection class IP00 on the front and IP20 when equipped with a box terminal cover, as per IEC 60529. Additionally, it is finger-safe for vertical contact from the front when the box terminal cover is installed, enhancing user safety during operation.

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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The 3RB29562TH2 is approved for use in hazardous locations, with certifications including ATEX directive 2014/34/EU (Ex II (2) GD) and PTB 05 ATEX 3022, ensuring its reliability and safety in demanding environments.

This current transformer is an integral component of the SIRIUS modular system, known for its simplicity, efficiency, and up-to-date design, facilitating seamless integration into existing automation setups.