Certificate Number
 20120612-E44653

 Report Reference
 E44653-20091118

Issue Date 2012-JUNE-12

Issued to: SIEMENS AG

I IA CE CP R&D-VI 4

WERNER-VON-SIEMENS-STRASSE 48

92220 AMBERG, GERMANY

This is to certify that representative samples of

**Auxiliary Devices** 

Type No. 3RH2 followed by 1, 2, 3, 4 or 8 followed by 0, 1, 2, 3, 4, 5, 6, 7 or 8

followed by 0, 1, 2, 3, 4, 5, 6, 7 or 8, followed by -1, -2 or -4, followed by A, B, F, G, H, J, K, M, P, Q, V or W, followed by a character and a number, may be

followed by suffix letters and/or numbers.

Have been investigated by UL in accordance with the Standard(s) indicated on

this Certificate.

Standard(s) for Safety: Industrial Control Equipment: UL 508 and CSA C22.2 No. 14-10

Additional Information: See the UL Online Certifications Directory at www.ul.com/database for

additional information

Only those products bearing the UL Listing Mark for the US and Canada should be considered as being covered by UL's Listing and Follow-Up Service meeting the appropriate requirements for US and Canada.

The UL Listing Mark for the US and Canada generally includes: the UL in a circle symbol with "C" and "US" identifiers:

the word "LISTED"; a control number (may be alphanumeric) assigned by UL; and the product category name (product identifier) as indicated in the appropriate UL Directory.

Look for the UL Listing Mark on the product.

William R. Carney, Director, North American Certification Programs

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at <a href="https://www.ul.com/contactus">www.ul.com/contactus</a>



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This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

#### **GENERAL:**

These devices are open types 4 or 8 pole control relays for use in industrial applications.

#### **RATINGS:**

A600/Q600, 24 V dc/10 A for the basic device

A600/Q600, 24 V dc/6 A for the auxiliary contact block

240 V ac/10 A General use for the basic device

Coil Ratings: 24 through 600 V ac

12 through 250 V dc

William R. Carney, Director, North American Certification Programs
UL LLC

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#### NOMENCLATURE BREAKDOWN:

3RH2 1 4 4 -1 A .. .-.... I II III IV V VI VII VIII

Basic Type

II. Control Relay

1 - 4 pole

2 - 8 pole with top mounted, not removable auxiliary contact block

3 - 8 pole with top mounted, removable auxiliary contact block

4 - Latched control relay

8 - specifies commercial versions

III. Contact Arrangements for NO

0 - non NO

1 - 1 NO

2 - 2 NO

3 - 3 NO

4 - 4 NO

5 - 5 NO 6 - 6 NO

7 - 7 NO

8 - 8 NO

IV. Contact Arrangements for NC

0 - non NC

1 - 1 NC

2 - 2 NC

3 - 3 NC

4 - 4 NC

5 - 5 NC

6 - 6 NC

7 - 7 NC

8 - 8 NC

V. Type of Terminals

-1 - Screw Terminal

-2 - Spring Terminal

-4 - Ring Lug Terminal

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VI. Operating System

A - AC operating system

B - DC operating system

 $\mbox{H}$  - DC operating system; operating limits 0.7 ... 1.25 x operating voltage

F - DC operating system with integrated diode

J - DC operating system with integrated diode; operating limits 0.7 ... 1.25 x operating voltage, for devices between 24 V and 110 V only.

G - DC operating system with integrated bridge rectifier for AC control voltage

P - AC operating system with integrated Z-diode combination

S or U – DC operating system with integrated supressor diode

K – DC operating system with integrated supressor diode; operating limits 0.7 ... 1.25 x operating voltage

Q – DC operating system with factory assembled EMC protective device; operating limits 0.7 ... 1.25 x operating voltage

M – DC operating system operating limits max. 1.58 x operating voltage

V – DC operating system with integrated diode; operating limits max. 1.58 x operating voltage

W - DC operating system with factory assembled EMC protective device; operating limits max. 1.58 x operating voltage

VII. Operating Voltage

.. - 24 V through 600 V ac or 12 through 250 V dc

VIII. Identification

.-... – Suffix numbers and/or characters specify commercial version

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