

Certificate of Compliance

Certificate Number **20111219-E44653**
Report Reference **E44653-19970821**
Issue Date **2011-DECEMBER-19**

Page 1 of 4



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**

Solid-State Time Relays, Type No. 3RP15 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 or -2, followed by A, B, E, N, R, Q or S followed by a character and a number, followed by any number or character.

Accessory - 3RP19, followed by 01, 02 or 03.

Opening Delay Device - 3RT1900-2HD81 followed by 0FB0 or 1FB0.


Have been investigated by Underwriters Laboratories 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

Additional Information: See UL On-line Certification Directory at WWW.UL.COM 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

Underwriters Laboratories Inc.

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Page 2 of 4



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 solid-state time relays for use in industrial applications with semiconductor or relay output. The outputs are intended to control contactor or relay coils. Type 3RP15 devices are intended for panel or snap mounting.

RATINGS

Input: Control voltage 24 through 250 V ac / dc or 440Vac

Output: B300, R300 (pilot duty), for types with relay output

Output: 90-240 V ac/dc / 600 mA, for types with thyristor output

| | |
|---------------------|-------------------|
| 3RT1900-2HD81-0FB0: | 230 V ac / 70 mA |
| -1FB0: | 110 V ac / 120 mA |

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Page 3 of 4



NOMENCLATURE BREAKDOWN

| | | | | | | |
|-------|----|-----|-----|---|----|-----|
| 3RP15 | 0 | 0 | - 1 | A | .. | . |
| I | II | III | IV | V | VI | VII |

- I. Basic Type
3RP15 - Solid-state time relays, 22.5 mm housing frame

- II. Function
 - 0 - Multi function
 - 1 - On-delay, one time setting range
 - 2 - On-delay, more than one time setting ranges
 - 3 - Off-delay, one time setting range, with auxiliary voltage
 - 4 - Off-delay, more than one time setting ranges
 - 5 - Clock pulse, more than one time setting ranges
 - 6 - Star delta with idling time
 - 7 - Star delta
 - 8 - Special application

- III. Time setting ranges
 - 0 - 7, 8, 9 or 15 time setting ranges between 1 second and 10 hours
 - 1 - 0.5 to 10 seconds
 - 2 - 1.5 to 30 seconds
 - 3 - 5.0 to 100 seconds
 - 4 - 1.0 to 20 seconds
 - 5 - 1, 3, 10, 30 or 100 seconds
1, 3, 10, 30 or 100 minutes
1, 3, 10, 30 or 100 hours
 - 6 - 3.0 to 60 seconds
 - 7 - 1, 4, 32 or 256 seconds
 - 8 - Special application

- IV. Type of Terminals
 - 1 - Screw Terminal
 - 2 - Cage Clamp Terminal

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Page 4 of 4



- V. Switching elements
 - A - Relay output, 1 changeover contact
 - B,R - Relay output, 2 changeover contacts
 - E - Thyristor output
 - N - Relay output, 2 NO
 - Q - Relay output, 2 changeover contacts + 1 NO
 - S - Relay output, 3 NO
- VI. Operating Voltage
 - .. - 24 through 250 V ac or dc or 440Vac
- VII. Manufacturers identification

| | |
|-------|----|
| 3RP19 | 01 |
| I | II |

- I. Basic Type
 - 3RP19 - Accessory for solid-state time relays
- II. Type and Function
 - 01 - Label set
 - 02 - Sealing cap
 - 03 - Push-in lug

| | |
|---------------|------|
| 3RT1900-2HD81 | 0FB0 |
| I | II |

- I. Basic Type
 - 3RT1900-2HD81 - Opening delay device
- II. Rating
 - 0FB0 - 230 V ac / 70 mA
 - 1FB0 - 110 V ac / 120 mA

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