



# Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested with satisfactory results in accordance with the relevant requirements of the Lloyd's Register Type Approval System.

This certificate is issued to:

**PRODUCER** Siemens AG  
DF CP  
Werner-von-Siemens-Strasse 48  
92220 Amberg  
Germany

**DESCRIPTION** Solid state time relay

**TYPE**

3RP25	0	0	-	1	A	T	2	...
I	II	III	-	IV	V	VI	VII	VIII

**I. Basic Type**

3RP25 - Solid-state time relays, 22.5 mm or 17.5 mm housing

**II. Function**

0 - Multi function

1 - On-delay, one time setting range

2 - On-delay, more than one time setting ranges

3 - Off-delay, more than one time setting range, with auxiliary voltage

4 - Off-delay, more than one time setting ranges

5 - Clock pulse

6 - Star delta with idling time

7 - Star delta

**Certificate No.** 16/20071

**Issue Date** 14 July 2016

**Expiry Date** 13 July 2021

**Sheet** 1 of 3

Thorsten Wolff  
Hamburg Technical Support Office

Lloyd's Register EMEA

LR031-1.2013.12

Thorsten Wolff  
Hamburg Technical Support Office  
Lloyd's Register EMEA

Lloyd's Register EMEA  
71 Fenchurch Street, London EC3M 4BS

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**TYPES CONTINUATION**

III. Time setting ranges

- 0 - 0.05 to 600 seconds
- 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 - 0.05 to 100 hours in 7 time different ranges
- 6 - 3.0 to 60 seconds
- 7 - 0.05 to 240 seconds in 4 different time ranges

IV. Type of Terminals

- 1 - Screw Terminal
- 2 - Push-in Terminal

V. Switching elements

- A - Relay output, 1 changeover contact
- B - Relay output, 2 changeover contacts
- C - Solid state, ac/dc, 1 NO
- E - Solid state, ac/dc, single wire, 1 NO
- N - Relay output, 2 NO
- R - Relay output, 2 changeover contacts, positively driven
- S - Relay output, 3 NO

VI. Operating voltage for switching elements

- T - 400 to 440 V ac
- W - 12 to 240 V ac/dc
- M - 200 to 240 and 380 to 440 V ac
- B - 24 V ac/dc

VI. Operating voltage for positively driven output

- W - 24 to 240 V ac/dc

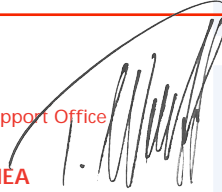
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**Sheet** 2 of 3

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**TYPES CONTINUATION**

VII. Frequency  
2 - 50/60 Hz ac  
3 - 50/60 Hz, ac/dc

VIII. Manufacturers identification

Accessories for 3RP25:  
3ZY1311-0AA00 – Push-in Lug  
3ZY1321-1AA00 – Sealing cap 17.5 mm  
3ZY1321-2AA00 – Sealing cap, 22.5 mm

**APPLICATION**

Marine, offshore and industrial applications for use in environmental categories ENV1, ENV2 and ENV3 as defined in Lloyd's Register's Type Approval System, Test Specification Number 1 – July 2015.

**SPECIFIED STANDARDS**

IEC 61812-1: 2011-05  
IEC 60947-5-1, Ed. 3.1: 2009-07


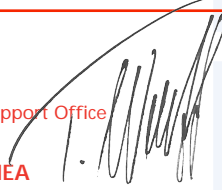
*The Type Approval does not eliminate the need for normal inspection and survey procedures required by the Rules and Regulations.*

*If the specified standards are amended during the validity of this certificate, the product is to be re-approved prior to it being supplied to vessels to which the amended standards apply.*

*The Design Appraisal Document No. HTS/ETS 33908-16 and its supplementary Type Approval Terms and Conditions form part of this Certificate.*

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