



Lloyd's
Register

Type Approval Certificate Extension

This is to certify that Certificate No. 98/20059 (E7) for the undernoted products is extended and renumbered as shown.

This certificate is issued to:

PRODUCER

Siemens AG
DF FA AS
Simatic Type Test
Werner-von-Siemens-Strasse 50
92224 Amberg
Germany

**PLACE OF
PRODUCTION**

Siemens AG
Elektronikwerk
Werner-von-Siemens-Strasse 50
92224 Amberg
Germany

Siemens AG
Elektronikwerk Chengdu
Siemens Electrical Apparatus Ltd., Suzhou, Chengdu Branch
No.99, TianYuan Road, HighTech Zone West,
Chengdu, Sichuan Province, 611730
China

DESCRIPTION

Programmable logic controller

TYPES

LOGO!24
LOGO!24C
LOGO!24CE
LOGO!24CEo
LOGO!24o

Certificate No.

98/20059 (E8)

Issue Date

18 June 2015

Expiry Date

03 January 2018

Sheet

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Thorsten Wolff
Hamburg Technical Support Office



Lloyd's Register
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 CONTINUED

LOGO!24Co
LOGO!24R
LOGO!24RC
LOGO!24RCE
LOGO!24RCEo
LOGO!230RC
LOGO!230R
LOGO!12/24RC
LOGO!12/24RCO
LOGO!24RCO
LOGO!230RCO
LOGO!12RCL
LOGO!24L
LOGO!24RCL
LOGO!230RCL
LOGO!24RCLB11
LOGO!230RCLB11
LOGO!12/24RCE
LOGO!12/24RCEo
LOGO!230RCE
LOGO!230RCEo

Extension modules:
LOGO!DM8 24
LOGO!DM8 24R
LOGO!DM8 12/24R
LOGO!DM8 230R
LOGO! DM16 230R
LOGO! DM16 24R
LOGO! DM16 24
LOGO!AM2
LOGO!AM2 PT100
LOGO! AM2 AQ
LOGO! AM2 RTD
LOGO! TD

Certificate No. 98/20059 (E8)
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APPLICATION

Marine applications for use in environmental categories ENV1, ENV2 and ENV3 as defined in Lloyd's Register 's Type Approval System, Test Specification Number 1 – 2002.

OTHER CONDITION

24V power supply lines are to be protected by Dehn Blitzductor order No. 918 402/918 422 (tested) or equivalent.
All 12/24xxx modules are only to be used with 24Vdc power supply.
LOGO! Fulfil the EMC requirements for general power distribution zone. Except LOGO! -0BA8 series and expansion modules -0BA2 series may be used in bridge and deck zones with filter B84113-C-B30 (or equivalent).

"This Certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register EMEA of any modification or changes to the equipment in order to obtain a valid certificate."

The attached Design Appraisal Document No. HTS/ETS 31909-15 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

All other details remain as the previous Certificate No. 98/20059 (E7) to which this extension should be attached.

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