

## **Type Approval Certificate Extension**

This is to certify that Certificate No. 98/20059 (E4) for the undernoted products is extended and renumbered as shown.

This certificate is issued to:

PRODUCER	Siemens AG I IA AS RD ST 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 Numerical Control (Nanjir Jiangning Development Zone	ng) CO LTD
	28 Siemens RD, Nanjing Jiangsu 211100 China	
DESCRIPTION	Programmable logic controller	
TYPES	LOGO!24 LOGO!240 LOGO!24R LOGO!24RC LOGO!230RC LOGO!230R LOGO!12/24RC LOGO!12/24RCO LOGO!24RCO	
Certificate No.	98/20059 (E5)	
Issue Date	13 July 2009	
Expiry Date	15 October 2013	
Sheet	1 of 2	Thorsten Wolff Hamburg Design Support Centre

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TYPES CONTINUED	LOGO!230RCO LOGO!12RCL LOGO!24L LOGO!24RCL LOGO!230RCL LOGO!230RCLB11 Extension modules: LOGO!230RCLB11 Extension modules: LOGO!DM8 24 LOGO!DM8 24 LOGO!DM8 24R LOGO!DM8 12/24R LOGO!DM8 230R LOGO! DM16 230R LOGO! DM16 230R LOGO! DM16 24R LOGO! DM16 24R LOGO! DM16 24 LOGO!AM2 LOGO!AM2 LOGO!AM2 PT100 LOGO! AM2 AQ LOGO! TD
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 – 2002.
OTHER CONDITION	24V power supply lines are to be protected by Dehn Blitzductor order No.

918 402.

"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. ETS 21548-09 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

All other details remain as the previous Certificate No. 98/20059 (E4) to which this extension should be attached.

Certificate No. 98/20059 (E5) **Issue Date** 13 July 2009 **Expiry Date** 15 October 2013 Sheet 2 of 2

Thorsten Wolff

Hamburg Design Support Centre Lloyd's Register EMEA

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

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