

## 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:

<b>PRODUCER</b>	Siemens AG I IA AS RD ST Type Test Werner-von-Siemens-Strasse 50 92224 Amberg Germany
<b>PLACE OF PRODUCTION</b>	Siemens AG Elektronikwerk Werner-von-Siemens-Strasse 50 92224 Amberg Germany  Siemens Numerical Control (Nanjing) CO LTD Jiangning Development Zone 28 Siemens RD, Nanjing Jiangsu 211100 China
<b>DESCRIPTION</b>	Programmable logic controller
<b>TYPES</b>	LOGO!24 LOGO!24o LOGO!24R LOGO!24RC LOGO!230RC LOGO!230R LOGO!12/24RC LOGO!12/24RCO LOGO!24RCO
<b>Certificate No.</b>	98/20059 (E5)
<b>Issue Date</b>	13 July 2009
<b>Expiry Date</b>	15 October 2013
<b>Sheet</b>	1 of 2



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## TYPES CONTINUED

LOGO!230RCO  
LOGO!12RCL  
LOGO!24L  
LOGO!24RCL  
LOGO!230RCL  
LOGO!24RCLB11  
LOGO!230RCLB11

### 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! 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.

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