

TYPE APPROVAL CERTIFICATE

DNV·GL

This is to certify that the undernoted product(s) has/have been tested in accordance with the relevant requirements of the DNV GL Type Approval System.

Certificate No. **13 550 - 14 HH**

Company **Schneider Electric Automation GmbH**
Schneiderplaz 1
97828 Marktheidenfeld, GERMANY

Product Description **PLC's**

Type **TM241C...; TM251M...; TMC4...; TM3... and TM4...**

Environmental Category **C; EMC1**
C; EMC2

Technical Data /
Range of Application **PLC: TM241C24T, TM241C40T, TM241CE24T, TM241CE40T,**
TM241CEC24T, TM241C24U, TM241C40U, TM241CE24U,
TM241CE40U, TM241CEC24U

Compact (Brick) 24I/O or 40I/O, Transistor Source
TM241C24T, TM241C40T

Compact (Brick) 24I/O or 40I/O, Transistor Source + Ethernet
TM241CE24T, TM241CE40T

Compact (Brick) 24I/O, Transistor Source + Ethernet + CANopen Master
TM241CEC24T

Compact (Brick) 24I/O or 40I/O, Transistor Sink
TM241C24U, TM241C40U

Compact (Brick) 24I/O or 40I/O, Transistor Sink + Ethernet
TM241CE24U, TM241CE40U

Compact (Brick) 24I/O, Transistor Sink + Ethernet + CANopen Master
TM241CEC24U

Test Standard **Guidelines for the Performance of Type Approvals, Chapter 2- Test**
Requirements for Electrical / Electronic Equipment and Systems (VI-7-2),
Edition 2012

Documents **Test report : 2666523 dated 15-10-2013, SDEC13DE0069VNTY dated 25-12-**
2013, C13-381-WT dated 10-01-2014; AOCC-LAB-TF-002 Version No.: 1.1 dated
21-11-2013; AOCC-LAB-TF-002 Version No.: 1.0 dated 11-10-2010; SIQ-LAB-
TF-00 Version No.: 1.0 dated 28-01-2015; 201301-442 dated 05-11-2014;
201304-443 dated 13-01-2014; T251-0918/13 dated 04-03-2014; M258 - MKT
03a00 Version 02 and M2xx-A-MKT05_Controller Requirements dated 25-06-
2012

Remarks **This certificate is issued on the basis of GL Guidelines for the Performance of**
Type Approvals, Chapter 1 - Procedure (VI-7-1), Edition 2007.

Valid until **2019-11-04**

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File No. **I.B.07**

Hamburg, 2015-06-22

Type Approval Symbol




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TM251MESC	No Ios + ETH SWITCH + CANopen
TM251MESE	No Ios + ETH SWITCH + ETH
TM241CE40R	AC100V~240V power supply, 40IO, relay output,1 Eth,2 SL
TMC4AI2	2AI 0~10V/0-20mA/4~20mA Analog Input
TMC4AQ2	2AO 0~10V/4~20mA Analog Output
TM241C40R	AC 100V~240V power supply, 40IO, relay output,2 SL
TMC4AI2	2AI 0~10V/0-20mA/4~20mA Analog Input
TMC4AQ2	2AO 0~10V/4~20mA Analog Output
TM4ES4	Left expansion, eth switch*4
TM241CEC24R	AC 100V~240V power supply, 24IO, relay output,1 Eth,2 SL,1 CAN
TMC4TI2	2 Thermocouple or RTD Input
TM241C24R	AC 100V~240V power supply, 24IO, relay output,2 SL
TMC4TI2	2 Thermocouple or RTD Input
TM4ES4	Left expansion, eth switch*4
TM241CE24R	AC 100V~240V power supply, 24IO, relay output,1 Eth, 2 SL
TM3_XTRA1	TM3 transmitter,1 Eth, 5vdc over internal TM3 bus
TM3_XREC1	TM3 receiver,1 Eth,24 V DC external power supply
TM4PDPS1	TM4 Profibus, 1 Subd9 RS485 modbus

Firmware Version: 4.x

Tests and Evidence according Requirement Class 3

Additional Documentation:

SoMachine Software 4.1 SP1 Release Notes dated 12-12-2014

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