



Type Approval Certificate

Germanischer Lloyd

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

Certificate No. **2108104 HH**

Company **Schneider Electric Industries SA
Telemecanique
26 - 28, Rue de Cracovie - BP 87829
F-21078 Dijon Cedex**

Product Description **Programmable Logic Controller**

Type **Twido-TWD Series**

Environmental Category **C, EMC1**

Technical Data /
Range of Application **CPU Module All-In-One Type:
TWD LCAA 10DRF, -16DRF, -24DRF: AC type, analogue inputs, relay outputs
TWD LCDA 10DRF, -16DRF, -24DRF: DC type, analogue inputs, relay outputs
CPU Module Slim Type:
TWD LMDA 20DRT1, -20DRT, -20DUK, -20DTK, -40DUK, -40DTK: DC type,
analogue inputs, transistor sink/source outputs, relay outputs
Expansion Digital Input Module:
TWD DDI 8DT, -16DT, -16DK, -32DK: 24V DC inputs
Expansion Digital Output Module:
TWD DRA 8RT, -16RT: relay outputs
TWD DDO 8UT, -8TT, -16UK, -16TK, -32UK, -32TK: transistor outputs
Expansion Digital Input/Output (Mixed) Module:
TWD DMM 8DRT, -24DRF: 24V DC inputs, relay outputs
Expansion Analogue Input/Output Module:
TWD AMM 3HT, -ALM 3LT, -AMI 2HT, -AMO 1HT: analogue voltage/current
inputs/outputs
*see page 2 for continuation**

Test Standard **Guidelines for the Performance of Type Approvals, Chapter 2 - Edition 2003**

Documents **GL File No. 70.70 2011004**

Remarks **Respective application software is subject to supplementary approval.**

Valid until **2009-09-23**

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

Hamburg, 2004-09-28

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Communication Module:

TWD NOZ 232D: RS232C DIN Terminal Type
TWD NOZ 485D: RS485 DIN Terminal Type
TWD NOZ 485T: RS485 Screw Terminal Type

Option Module:

TWD NAC 232D, -485D, -485T: RS232/RS485 Communication Adapter
TWD XCP RTC: Clock Cartridge
TWD XCP MFK32, -MFK64: Memory Cartridge
TWD XCP ODC: HMI Module with Small Display
TWD XCP ODM: Adapter for Small Display

Electrical data:

Power supply: 100-240V AC 50/60 Hz: Slim Type CPU/Modules
24V DC: All-in-One Type Modules

Input digital type: 24V DC (Sink/Source)

Input analogue type: Voltage (0-10V DC), Current (4-20mA), Thermocouple, Resistance thermometer

Output relay type: 240V AC / 30V DC, 2A

Output transistor type: 0.1A output modules with 16/32 points
0.3A CPUs and all other modules

Output analogue type: Voltage (0-10V DC), Current (4-20mA)

Degree of protection: IP20

Requirement class: 3

Software (Firmware) version: 2.0x

For more technical details see manufacturer's specification

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