



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.	9940597 HH
Company	Schneider Automation S.A.S 245, Route des Lucioles, BP 147 06903 Sophia Antipolis, FRANCE
Product Description	TSX Industrial Programmable Controller
Type	Modicon TSX Premium, Series 57 - 10, Series 57 - 20, Series 57 - 30, Series 57 - 40; Series P57 ...M and TBX... Remote I/O - Modules
Environmental Category	C; EMC2; EMC1*
Technical Data / Range of Application	Processors TSXP57 102M, TSXP57 202M, TSXP57 302M, TSXP57402M, TSXP57 252M TSXP57 352M TSXP57 452M, TPMXP57102M, TPMXP57202M, TPMXP57352M, TPMXP57452M, TSXP57 103M, TSXP57 153M, TSXP57 203M, TSXP57 303M, TSXP57 403M, TSXP57 253M, TSXP57 353M, TSXP57 453M, TSXP57 2623M, TSXP57 2823M, TSXP57 3623M, TSXP57 4823M TSXP57 104M, TSXP57 154M, TSXP57 204M, TSXP57 254M TSXP57 2634M, TSXP57 304M, TSXP57 354M, TSXP57 3634M TSXP57 454M, TSXP57 5634M, TSXP57 1634M, TSXP57 4634M TSXP57 554M, TSXP57 0244M, TSXH5724M, TSXH5744M TSX P...M with integrated Ethernet ports TCP/IP double format Ethernet port TSX ETY: Ethernet card
Test Standard	Tests and Evidence regarding Requirement Class 3 Software requirement class 3, Version 3.3 Guidelines for the Performance of Type Tests, Part 2, Edition 2003 Regulations for the Use of Computers and Computer Systems
Documents	Test reports: QST L 12 CE 12, CE 21, CE 21-14, 9823SO-2Q, -3Q, -4Q, -6Q; 0110S02Q; -04Q; -05Q; -06Q dated 07-2001; 0110S07Q dated 03-2002; 0110S08Q dated 08-2002 and 0110S11Q dated 09-2002; R0211296C-E-C dated 18-03-2003; RG-04-91140-1A-RG/CHB dated 01-12-2004; 0711S01C and 0711S01...3 V dated 03/2008
Remarks	*EMC 1 for using in metallic cubicle only
Valid until	2012-11-30
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File No.	I.B.07
Hamburg,	2008-12-04

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Co-processors

TPCXP57 1012M, TPCXP57 3512M, TPCXP57 203M, TPCXP57 353M, TSXPCI57 354M, TSXPCI57 204M

Bundle

TSXP57 CA0244M, TSXP57 CD0244M

Racks

TSX RKY6 to 12: Non-extendable racks; TSXRKY4EX to 12EX : Extendable racks

Memory cards

TSX MRPC x , TSX MRPPx , TSX MRPF x, TSX MFPB x, TSX MFPP x, MCPC x
x represents memory size

Power Supply Modules

TSXPSY5520M	24V-48V DC
TSXPSY1610M, TSXPSY3610M	24V DC
TSXPSY2600M	100V-240V AC 26W
TSXPSY5500M	100V-240V AC 55W
TSXPSY8500M	100V-240V AC 77W
TSXPSI2010	24V DC for co-processor

Discrete I/O modules with terminal blocks

TSX DEY16A2, TSXDEY16A3	24-48 V digital inputs
TSX DEY08D2, TSXDEY16D2, TSX DEY16D3	
TSX DEY16A4, TSXDEY16A5	100-120V and 200-240 V digital inputs
TSX DSY08S5, TSXDSY16S4	24-240 V, 1A – 2A digital triac outputs
TSX DSY16S5, TSX DSY08T2, TSX DSY08T22,	
TSX DSY16T2, TSX DSY08T31	24 –48 V, 0.25 – 2A digital transistor outputs
TSX DSY08T3	
TSX DSY08R5, TSXDSY16R5	24-240V AC – DC digital relay outputs

Discrete I/O modules with connectors

TSX DEY16FK, TSXDEY32D2K	24-48 V digital inputs
TSX DEY32D3K, TSXDEY64D2K	24-48 V digital inputs /outputs
TSX DMY28FK, TSXDMY28RFK	
TSX DSY32T2K, TSXDSY64T2K	24 V digital transistor outputs

Measurement and counter , motion modules

TSX CTY2A, TSX CTY4A, TSX CTY2C, TSX CSY84, TSX CSY85, TSX CSY164

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Analogue I/O modules inputs
TSX AEY420, TSXAEY414 10V, 0-20mA, 4-20mA, thermocouple
TSX AEY800, TSXAEY1600
TSX AEY810, TSXAEY1614
Analogue I/O modules outputs
TSX ASY410, TSX ASY800 10V, 0-20mA, 4-20mA
Weighing modules
TSX ISPY101, TSX ISPY101EX
Communication modules
TSX SCY11601 1 channel Modbus
TSX SCY21601 2 channels: uni-telway, Modbus / Jbus and PCMCIA type3
TSX IBY100 InterBus S
TSX ETY110, TSX ETY410, TSX ETY4102 Ethernet TCP/IP network
TSX ETY4103
TSX ETY110WS, TSX ETY5101, TSX ETY5102, TSX ETY5103, TSX WMY100 Ethernet TCP/IP network+ Web server
TSX ETG1000
TSX ETY120 With software Warm Standby TXT L BKP PREM
Communication cards
TSX SCP111, TSX SCP112 Modbus / Jbus, Unitelway, character mode
TSX SCP114
TSX FPP10, TSX FPP20: Fipio / Fipway; TSXPBY100: Profibus DP; TSX MBP100: Modbus Plus
TSX CPP100, TSX CPP110
Accessory
TSX PCI ACC1
Remote I/O IP20
TBX CEPxx 24V input module, 16 digital channels; TBX CSPxx 24V output module, 16 digital channels
TBX DESxx 24V input module, 16 digital channels; TBX DMSxx 24V, 8 digital inputs, 8 digital outputs
TBX AESxx 4 analog inputs for thermocoupler, RTD, mV or mA
TBX AMSxx 6 analog inputs for thermocoupler, RTD, mV or mA, and 2 analog outputs
TBX ASSxx 2 analog outputs for +/- 10V, 4-20 or 0-20mA
Remote I/O IP65
TBX EEPxx: 8 or 16 digital inputs; TBX ESPxx: 8 or 16 digital outputs; TSX SUP10: Power supply 24V 1A

« C » Optional extension letter to product reference for coated version

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