



Lloyd's  
Register

## Type Approval Certificate Extension

*This is to certify* that Certificate No. 97/00114(E2) for the undernoted products is extended and renumbered as shown.

This certificate is issued to:

<b>PRODUCER</b>	Schneider Automation SAS	
<b>PLACE OF PRODUCTION</b>	Site Horizon 8ème rue F-06516 Carros France	
<b>DESCRIPTION</b>	Modular PLC System	
<b>TYPE</b>	TSX 37 Micro Automation Platform Comprising the following revised list:	
	<u>Modules</u>	
	TSX 37-05/08, TSX 37-100, TSX 37-210/220	Base 100-240 ac
	TSX 37-101, TSX 37-211/221	Base 24 dc
	<u>Extension Racks</u>	
	TSX RKZ 02	Extendable racks
<b>Certificate No.</b>	97/00114(E3)	
<b>Issue Date</b>	25 September 2014	
<b>Expiry Date</b>	24 September 2019	
<b>Sheet</b>	1 of 4	

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**Memory extension card**

TSX MRP 032P to 264P  
TSX MFP 032P to 264P

RAM Memories  
Flash EPROM Memories

**Discrete I/O Modules**

**24Vdc**

TSX DEZ12 D2, TSX DMZ28 DR,  
TSX DEZ32 D2, TSX DMZ28 DT,  
TSX DSZ08 T2, TSX DSZ32 T2,  
TSX DSZ04 T22

Terminal blocks

TSX DEZ12 D2K, TSX DMZ16 DTK,  
TSX DMZ28 DTK,  
TSX DMZ64 DTK, TSX DSZ08 T2K

Connectors

**100-240 V ac**

TSX DEZ08 A4, TSX DEZ08 A5,  
TSX DMZ28 AR

Terminal blocks

**24Vdc or 100-240 V ac**

TSX DSZ08 R5, TSX DSZ32 R5

Terminal blocks

**Analogue I/O Modules**

TSX AEZ801, TSX AEZ802,  
TSX ASZ401, TSX ASZ200  
TSX AEZ414  
TSX AMZ600

Analogue inputs/outputs 10V,  
0-20 mA, 4-20 mA  
Thermocouple inputs

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Counter Modules

TSX CTZ 1A, TSX CTZ 2A, TSX CTZ 2AA, TSX CTZ 1B

Communication Modules

TSX ETZ 410, TSX ETZ 510, Ethernet TCP/IP network  
TSX FPP 10, TSX FPP 20, TSX SCP111, PCMC1A Cards  
TSX SCP112, TSX SCP114

Cables

TSX CDPx01 / x02 / xx3, CAPx, SCPCx

**APPLICATION**

Marine, offshore and industrial application in category ENV1 and ENV2 environments as defined in LR Type Approval System Test Specification No. 1: 2002 where the Test Specification is suitable for use. Suitability of the software and system configuration is subject to a separate plan appraisal according to the Lloyd's Register Rules and Regulations when placed on Lloyd's Register classed vessels.

**SPECIFIED  
STANDARDS**

In accordance with the manufacturer's specification  
"Micro Automation Platform" MKTED205121FR catalogue January 2006

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*"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.97/00114(E3) and its supplementary Type Approval Terms and Conditions form part of this Certificate.*

All other details remain as the previous Certificate No. 97/00114(E2) to which this extension should be attached.

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