

## LR Type Approval Certificate Extension

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

This certificate is issued to:

<b>PRODUCER</b>	Schneider Automation 245 Route Des Lucioles BP 147 F-06903, Sophia Antipolis France								
<b>PLACE OF PRODUCTION</b>	Schneider Automation 1 ère Avenue 2621 mètres ZI de Carros F-06516 Carros, Cedex France								
<b>DESCRIPTION</b>	Modular PLC System								
<b>TYPE</b>	TSX 37 Micro Automation Platform Comprising the following revised list:  <table border="0" style="width: 100%;"> <tr> <td style="vertical-align: top;"><u>Modules</u> TSX 37-05/08, TSX 37-100, TSX 37-210/220 <sup>(1)</sup></td> <td style="vertical-align: top;">Base 100-240 ac</td> </tr> <tr> <td style="vertical-align: top;">TSX 37-101, TSX 37-211/221 <sup>(1)</sup></td> <td style="vertical-align: top;">Base 24 dc</td> </tr> <tr> <td style="vertical-align: top;"><u>Extension Racks</u> TSX RKZ 02</td> <td style="vertical-align: top;">Extendable racks</td> </tr> <tr> <td style="vertical-align: top;"><u>Memory extension card</u> TSX MRP 032P to 264P TSX MFP 032P to 264P</td> <td style="vertical-align: top;">RAM Memories Flash EPROM Memories</td> </tr> </table>	<u>Modules</u> TSX 37-05/08, TSX 37-100, TSX 37-210/220 <sup>(1)</sup>	Base 100-240 ac	TSX 37-101, TSX 37-211/221 <sup>(1)</sup>	Base 24 dc	<u>Extension Racks</u> TSX RKZ 02	Extendable racks	<u>Memory extension card</u> TSX MRP 032P to 264P TSX MFP 032P to 264P	RAM Memories Flash EPROM Memories
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<b>Certificate No.</b>	97/00114(E1)								
<b>Issue Date</b>	04 February 2002								
<b>Expiry Date</b>	17 October 2006								
<b>Sheet</b>	1 of 3								

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### Discrete I/O Modules

#### 24Vdc

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

TSX DEZ12 D2K, TSX DMZ16 DTK, Connectors  
 TSX DMZ28 DTK <sup>(1)</sup> ,  
 TSX DMZ64 DTK, TSX DSZ08 T2K

#### 100-240 V ac

TSX DEZ08 A4, TSX DEZ08 A5, Terminal blocks  
 TSX DMZ28 AR

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

TSX DSZ08 R5, TSX DSZ32 R5 <sup>(1)</sup> Terminal blocks

### Analogue I/O Modules

TSX AEZ801, TSX AEZ802, Analogue inputs/outputs 10V,  
 TSX ASZ401, TSX ASZ200 0-20 mA, 4-20 mA  
 TSX AEZ414 Thermocouple inputs  
 TSX AMZ600

### 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

<sup>(1)</sup> Tested to ENV3

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TYPE APPROVED

**APPLICATION**

Marine, offshore and industrial application in category ENV1, ENV2 and ENV3<sup>(1)</sup> environments as defined in LR Type Approval System Test Specification No. 1: 1996 where the Test Specification is suitable for use.

**SPECIFIED  
STANDARDS**

In accordance with the manufacturer's specification  
"Micro Automation Platform" AUTC101272123EN catalogue November  
2001

*"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 LR of any modification or changes to the equipment in order to obtain a valid certificate."*

*The attached Design Appraisal Document No. 97/00114(E1) and its supplementary Type Approval Terms and Conditions form part of this Certificate.*

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

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Lloyd's Register of Shipping  
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