



Product Service

# Attestation of Conformity

No. N8 13 07 83652 002

**Holder of Certificate:** **ABB Automation Products GmbH**

Eppelheimer Str. 82  
69123 Heidelberg  
GERMANY

**Product:** **Programmable Controller  
PLC system**

This Attestation of Conformity is issued on a voluntary basis according to the Low Voltage Directive 2006/95/EC relating to electrical equipment designed for use within certain voltage limits. It confirms that the listed equipment complies with the principal protection requirements of the directive. It refers only to the particular sample submitted for testing and certification. See also notes overleaf.

**Test report no.:** 704101380701-00



**Date,** 2013-07-10

(Yi Zhu)



After preparation of the necessary technical documentation as well as the EC conformity declaration the required CE marking can be affixed on the product. Other relevant directives have to be observed.

Page 1 of 2



Product Service

**Attestation of Conformity****No. N8 13 07 83652 002****Model(s):****AC500-eCo Series:****CPU modules:**

PM554-T, PM554-T-ETH, PM554-R, PM554-R-AC,  
 PM564-T, PM564-T-ETH, PM564-R, PM564-R-ETH,  
 PM564-R-AC, PM564-R-ETH-AC, PM554-TP,  
 PM554-TP-ETH, PM554-RP, PM554-RP-AC,  
 PM556-TP-ETH, PM564-TP, PM564-TP-ETH,  
 PM564-RP, PM564-RP-ETH, PM564-RP-AC,  
 PM564-RP-ETH-AC,

**I/O modules:**

AI561, AI562, AI563, AO561, AX561, DC561, DI561,  
 DI562, DO561, DX561, DI571, DX571, DO571, DO572

**Parameters:**

CPU Rated Voltage: 100-240VAC for PM554-R-AC,  
 PM564-R-AC, PM564-R-ETH-AC,  
 PM554-RP-AC, PM564-RP-AC,  
 PM564-RP-ETH-AC

24VDC for others

I/O Rated voltage: 24VDC or 100-240VAC for  
 DO571 and DX571  
 100-240VAC for DI571 and DO572  
 24VDC for others

Operating temperature: 0°C - 70°C for PM556-TP-ETH  
 0°C - 60°C for others

Storage temperature: -40°C -70°C

**Remark:**

Accessories for use with AC500-eCo series, TK503, TK504,  
 TK506, MC503, TA561-RTC, TA562-RS, TA562-RS-RTC, TA571-SIM,  
 TA563, TA564, TA565

**Tested  
according to:**

EN 61131-2:2007



Choose certainty.  
Add value.

## Technical Report No. 704101380701

Rev. 00

Dated 2013-07-08

Client: ABB Automation Products GmbH  
Eppelheimer Str. 82, 69123 Heidelberg, GERMANY  
Lai Hailiang (Tel:49 621 381 0 Fax: 49 621 381 8788)

Manufacturing place: Same as above

Test subject: Product: Programmable Controller  
PLC SYSTEM  
Type: AC500 eCo series

Test specification: EN61131-2:2007

Purpose of examination: 

- Inspection according to the observance of the protection aims of the following EC directives: 2006/95/EC
- Test according to the test specification

Test result: The test results show that the presented product is in compliance with the specified requirements.

This technical report may only be quoted in full. Any use for advertising purposes must be granted in writing. This report is the result of a single examination of the object in question and is not generally applicable evaluation of the quality of other products in regular production.



## 1 Description of the test subject

### 1.1 Function

Manufacturer's specification for intended use:

*PLC System*

### 1.2 Consideration of the foreseeable misuse

- ☐ Not applicable
- ☒ Covered through the applied standard
- ☐ Covered by the following comment
- ☐ Covered by attached risk analysis

### 1.3 Technical Data

Model:	AC500-eCo Series: CPU modules: PM554-T, PM554-T-ETH, PM554-R, PM554-R-AC, PM564-T, PM564-T-ETH, PM564-R, PM564-R-ETH, PM564-R-AC, PM564-R-ETH-AC, PM554-TP, PM554-TP-ETH, PM554-RP, PM554-RP-AC, PM556-TP-ETH, PM564-TP, PM564-TP-ETH, PM564-RP, PM564-RP-ETH, PM564-RP-AC, PM564-RP-ETH-AC, I/O modules: AI561, AI562, AI563, AO561, AX561, DC561, DI561, DI562, DO561, DX561, DI571, DX571, DO571, DO572
CPU Rated Voltage:	100-240VAC for PM554-R-AC, PM564-R-AC, PM564-R-ETH-AC, PM554-RP-AC, PM564-RP-AC, PM564-RP-ETH-AC 24VDC for others
I/O Rated voltage	24VDC or 100-240VAC for DO571 and DX571 100-240VAC for DI571 and DO572 24VDC for others
Operating temperature:	0°C - 70°C for PM556-TP-ETH 0°C - 60°C for others
Storage temperature:	-40°C -70°C
Remark:	Accessories for use with AC500-eCo series, TK503, TK504, TK506, MC503, TA561-RTC, TA562-RS, TA562-RS-RTC, TA571-SIM, TA563, TA564, TA565



## **2 Order**

### **2.1 Date of Purchase Order, Customer's Reference**

**2013-06-14**

### **2.2 Receipt of Test Sample, Location**

**2013-06-14, Shanghai**

### **2.3 Date of Testing**

**2013-06-14 to 2013-07-08**

### **2.4 Location of Testing**

Jiangsu TÜV Product Service Ltd. Shanghai Branch  
No. 88 Heng Tong Road, Shanghai 200070, P. R. China

### **2.5 Points of Non-compliance or Exceptions of the Test Procedure**

None

## **3 Test Results**

### **3.1 Positive Test Results**

- EC directives: 2006/95/EC

## **4 Remark**

The user manual has been examined according to the minimum requirements described in the product standard. The manufacturer is responsible for the accuracy of further particulars as well as of the composition and layout.

### **4.1 Remarks to Factory**

The assembly of the product has to comply with the documentation (CDF). Before the implementation of safety relevant modifications to the product into the ongoing production the product must be retested for acceptance. The results must be implemented to





the documentation and if necessary the certificate must be updated.  
The final inspections in the production are described in EN61131-2:2007

## 5 Documentation

- CDF
- Photo documentation

## 6 Summary

The test specifications are met.

Jiangsu TÜV Product Service Ltd. Shanghai Branch  
TÜV SÜD Group

Engineer:

  
Wei DING

Technical Report checked:



  
Yi ZHU

7.9.13