

Center  
Europe  
Certification Service

Certificate No. CECS/004090324B

## VERIFICATION OF LVD COMPLIANCE

EU COUNCIL DIRECTIVE 2006/95/EC

**Applicant** : KOREA AUTO CONTROLS CO., LTD

**Address** : 150-55 Kajwa Dong, Seo-Gu, Inchon, S.Korea

**Manufacturer** : KOREA AUTO CONTROLS CO., LTD

**Address** : 150-55 Kajwa Dong, Seo-Gu, Inchon, S.Korea

**Sample Name** : TEMPERATURE CONTROLLER

**Model** : KTC-30, KTC-50, KTC-90, KTC-S1, KTC-S2, KTC-S3, KTC-S4,  
KTC-S5, KTC-S6

**Test Report No.** : BZT018090306/LVD

**Codes/Standards Applied** : BS EN 61010-1:2001

**Remarks** : The sample meets the requirements of the above standards.

**Date Of Issuance** : Mar 24, 2009

**Conclusion** : We Confirm That The Technical Construction File And Manufacturing, Inspection And Testing Processes For Above Mentioned Sample Comply With The Essential Safety Requirements of EU Low Voltage Directive 2006/95/EC Applied Codes And Standards.

**President of CECS** : Robert Owen

Signature





Ref No. BZT018090306/LVD

## TEST REPORT

**Report Reference No.** BZT018090306/LVD

**Applicant:** KOREA AUTO CONTROLS CO., LTD.

**Address:** 150-55 Kajwa Dong, Seo-Gu, Inchon, S.Korea

**Sample Name:** TEMPERATURE CONTROLLER

**Model:** KTC-30, KTC-50, KTC-90, KTC-S1, KTC-S2, KTC-S3, KTC-S4, KTC-S5, KTC-S6

**Test Type:** KTC-S1

**Standard:** BS EN 61010-1:2001  
Safety requirements for electrical equipment for measurement control and laboratory use - General requirements

**Test Period:** Mar 06,2009 to Mar 12,2009

**Test Result:** Please refer to next pages

**Conclusion:** Based on the performed tests on submitted samples, the results comply with the Low Voltage Directive 2006/95/EC and its subsequent amendments

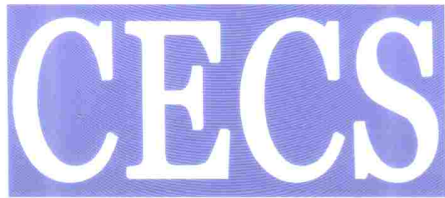
**Tested By:**

**John Chen - Engineer**

**Reviewed By:**

**Amy Zhang - Lab Manager**

<b>Applicant</b>	KOREA AUTO CONTROLS CO., LTD.	
<b>Address</b>	150-55 Kajwa Dong, Seo-Gu, Inchon, S.Korea	
<b>Test Item Description</b>		
Product Name :	TEMPERATURE CONTROLLER	
Standard :	BS EN 61010-1:2001 Safety requirements for electrical equipment for measurement, control and laboratory use - General requirements	
Trade Mark :	/	
Model/Type Reference :	KTC-30, KTC-50, KTC-90, KTC-S1, KTC-S2, KTC-S3, KTC-S4, KTC-S5, KTC-S6	
Ratings :	220~240VAC 50/60Hz	
IP Protection :	IP 20	
Electrical Safety Class :	Class II	
<b>Test Case Verdicts</b>		
Test case does not apply to the test object :	N(.A .)	
Test item does meet the requirement :	P(ass)	
Test item does not meet the requirement :	F(ail)	
<b>General Remarks</b>		
<ul style="list-style-type: none"> <li>◆ This report shall not be reproduced except in full without the written approval of the testing laboratory.</li> <li>◆ The test results presented in this report relate only to the item tested.</li> <li>◆ Clause numbers between brackets refer to clauses in IEC 61010-1:2001 (EN 61010-1:2001).</li> <li>◆ "(see remark #)" refers to a remark appended to the report.</li> <li>◆ "(see Annex #)" refers to an annex appended to the report.</li> <li>◆ Throughout this report a point is used as the decimal separator.</li> </ul>		



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Certificate No. CECS/004090324A

## VERIFICATION OF EMC COMPLIANCE

EU COUNCIL DIRECTIVE 2004/108/EC

**Applicant** : KOREA AUTO CONTROLS CO., LTD

**Address** : 150-55 Kajwa Dong, Seo-Gu, Inchon, S.Korea

**Manufacturer** : KOREA AUTO CONTROLS CO., LTD

**Address** : 150-55 Kajwa Dong, Seo-Gu, Inchon, S.Korea

**Sample Name** : TEMPERATURE CONTROLLER

**Model** : KTC-30, KTC-50, KTC-90, KTC-S1, KTC-S2, KTC-S3, KTC-S4,  
KTC-S5, KTC-S6

**Test Report No.** : BZT018090306/EMC

**Codes/Standards Applied** : EN 61000-6-2:2005; EN 61000-6-4:2007

**Remarks** : The sample meets the requirements of the above standards.

**Date Of Issuance** : Mar 24, 2009

**Conclusion** : We Confirm That The Technical Construction File And Manufacturing, Inspection And Testing Processes For Above Mentioned Sample Comply With The Essential Safety Requirements of EU COUNCIL ELECTROMAGNETIC COMPATIBILITY DIRECTIVE OF 2004/108/EC Applied Codes And Standards.

**President of CECS** : Robert Owen

  
Signature





Ref No. BZT018090306/EMC

## TEST REPORT

**Report Reference No.** BZT018090306/EMC

**Applicant:** KOREA AUTO CONTROLS CO., LTD.

**Address:** 150-55 Kajwa Dong, Seo-Gu, Inchon, S.Korea

**Sample Name:** TEMPERATURE CONTROLLER

**Model:** KTC-30, KTC-50, KTC-90, KTC-S1, KTC-S2, KTC-S3,  
KTC-S4, KTC-S5, KTC-S6

**Test Type:** KTC-S1

**Standard:** EN 61000-6-2:2005  
Electromagnetic compatibility (EMC) - Generic standards -  
Immunity for industrial environments  
EN 61000-6-4:2007  
Electromagnetic compatibility (EMC) - Generic standards -  
Emission standard for industrial environments

**Test Period:** Mar 06,2009 to Mar 12,2009

**Test Result:** Please refer to next pages

**Conclusion:** Based on the performed tests on submitted samples, the  
results comply with the Electromagnetic Compatibility  
Directive 2004/108/EC and its subsequent amendments

**Tested By:**

**John Chen - Engineer**

**Reviewed By:**

**Amy Zhang - Lab Manager**

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