



Applicant: KOYO ELECTRONICS (WUXI) CO., LTD.
NO.118 LIXI ROAD WUXI JIANGSU, CHINA
Tel: 86-510-5167888-2011 Fax: 86-510-5163260

DECLARATION OF CONFORMITY

According to ISO/IEC Guide 22 and EN 45014

We, EMC Compliance Management Group declare under our sole responsibility that the product:

Product Name : Programmable Controller
Model Number : SN Series
Model Tested : SN-64DD-A3 / SN-64DR-A3
Trademark : Koyo
Test Report Number : KOY-0502-4462-CE/SAFETY
Date of Testing : 2004, October 8th / 2004, September 7th
Manufactured by : KOYO ELECTRONICS (WUXI) CO., LTD.
Manufacturer's Address : NO.118 LIXI ROAD WUXI JIANGSU, CHINA

The product herewith conforms to the following Council Directives:
The EMC Directive 89/336/EEC and The Low Voltage Directive 73/23/EEC

This Declaration of Conformity is based upon compliance of the product with the harmonised EMC Directive:

EN 61131-2:2003 (Emissions)

EN55011:1998 + A1:1999, CISPR 11:2003 Edition 4.1:2004, Class A, GROUP 1, Conducted and Radiated Emissions.
IEC 61000-3-2:2000 + A2:2004, Limits for Harmonic Current Emissions.
IEC 61000-3-3 Edition 1.1:2002, Voltage Fluctuation and Flicker.

EN 61131-2:2003, CISPR 24:1997 + A1:2001 (Immunity)

IEC 61000-4-2 Edition 1.2 (2001), Electrostatic Discharge Immunity Test.
IEC 61000-4-3:2002, Radiated, Radio-Frequency Electromagnetic Field Immunity Test.
IEC 61000-4-4:1995 + Amd. 1 (2000) & Amd. 2 (2001), Electrical Fast Transient/Burst Immunity Test.
IEC 61000-4-5 Edition 1.1:2001, Surge Immunity Test.
IEC 61000-4-6 Edition 2.0 (2003), Immunity to Conducted Disturbances Test.
IEC 61000-4-8 Edition 1.1 (2001), Power Frequency Magnetic Field Immunity Test.
IEC 61000-4-11:2004, Voltage Dips and Short Interruptions Immunity Test.

per LVD

EN61131-2: 2003 Programmable Controllers – Part 2: Equipment Requirements and Tests

Responsible Party:

Manufacturer: _____

Signature: _____

Responsible Person: _____

Title: _____

Phone Number: _____

Date: _____

Issued by Test Laboratory:



Worldwide Certification Solutions
EMC Compliance Management Group
670 National Ave. Mountain View, CA 94043
650-988-0900(Tel) 650-988-6647(Fax) e-mail: www.emclab2000.com

Signed by:

Name: Tony Wang

Title: QC Manager

Date of Issue: 2005, February 23

Certificate No. CE1759

Annex 1

Refer to DOC certificate No.1759

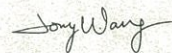
The models covered by the certificate are as described in the annex, which is provided with the certificate.

Manufacture Name: KOYO ELECTRONICS (WUXI) CO., LTD.

Model Number List: SN-32DR-A1 / SN-32DR-A2 / SN-32DR-B1 / SN-32DR-B2 /
SN-32DD-A1 / SN-32DD-A2 / SN-32DD-B1 / SN-32DD-B2 /
SN-48DR-A2 / SN-48DR-B2 / SN-48DD-A2 / SN-48DD-B2 /
SN-64DR-A1 / SN-64DR-A3 / SN-64DR-B1 / SN-64DR-B3 /
SN-64DD-A1 / SN-64DD-A3 / SN-64DD-B1 / SN-64DD-B3 /
SN-32DR-A1-D / SN-32DR-A2-D / SN-32DR-B1-D /
SN-32DR-B2-D /
SN-32DD-A1-D / SN-32DD-A2-D / SN-32DD-B1-D /
SN-32DD-B2-D /
SN-48DR-A2-D / SN-48DR-B2-D / SN-48DD-A2-D /
SN-48DD-B2-D /
SN-64DR-A1-D / SN-64DR-A3-D / SN-64DR-B1-D /
SN-64DR-B3-D /
SN-64DD-A1-D / SN-64DD-A3-D / SN-64DD-B1-D /
SN-64DD-B3-D

Description : Programmable Controller

Signed by: _____



Name: _____

Tony Wang

Title: _____

QC Manager

Date: _____

2005, February 28

Certificate No. CE1759-1

CERTIFICATE OF COMPLIANCE

According to EMC 2004/108/EC & LVD 2006/95/EC

Applicant Name : Koyo Electronics (Wuxi) Co., Ltd.
Applicant Address : No.118 Lixi Road, Wuxi, Jiangsu, China
Manufacturer by : Koyo Electronics (Wuxi) Co., Ltd.
Manufacturer's Address : No.118 Lixi Road, Wuxi, Jiangsu, China
Product Description : Programmable Logic Controller
Model / Part Numbers : SH1-32R1 / SH1-32T1 / SH1-32R1-C / SH1-32T1-C /
SH1-32R2 / SH1-32T2 / SH1-32R2-C / SH1-32T2-C /
SH1-48R1 / SH1-48T1 / SH1-48R1-C / SH1-48T1-C /
SH1-48R2 / SH1-48T2 / SH1-48R2-C / SH1-48T2-C /
SH1-64R1 / SH1-64T1 / SH1-64R1-C / SH1-64T1-C /
SH1-64R2 / SH1-64T2 / SH1-64R2-C / SH1-64T2-C
Trade Mark : koyo
Serial Number Tested : Prototype
Dates of Testing : 2007, October 24th / 2007, September 18th to 20th
Test Report Numbers : KOY-0709-6495-CE/SAFETY

This is to certify that the product identified above is in compliance with the essential requirements of the following standards:

EN 61131-2:2003 (Emissions)

EN 55011: 1998 + A1: 1999 + A2: 2002, CISPR 11: 1997 + A1: 1999 + A2: 2002 Group 1, Class A, Conducted and Radiated Conducted Emissions.

EN 61000-3-2:2000 +A2: 2005, Limits for Harmonic Current Emissions.

EN 61000-3-3:1995 +A1: 2001, Voltage Fluctuation and Flicker.

EN 61131-2:2003, CISPR 24:1997 + A1:2001 (Immunity)

IEC 61000-4-2 Edition 1.2 (2001), Electrostatic Discharge Immunity Test.

IEC 61000-4-3:2002, Radiated, Radio-Frequency Electromagnetic Field Immunity Test

IEC 61000-4-4: 2004, Electrical Fast Transient/Burst Immunity Test.

IEC 61000-4-5, 2005 Surge Immunity Test.

IEC 61000-4-6 Edition 2.0 (2003), Immunity to Conducted Disturbances Test.

IEC 61000-4-8 Edition 1.1 (2001), Power Frequency Magnetic Field Immunity Test.

IEC 61000-4-11:2004, Voltage Dips And Short Interruptions Immunity Test.

IEC 61000-4-12: 2001, Oscillatory Wave Immunity Test.

Per Safety

EN 61131-2: 2003, Programmable controllers - Part 2: Equipment requirements and tests.

Reviewed by:

Issued by:

Signed by:



Paul Chen / QC Manager

Issued Date: 2007, December 25



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This is the result of tests that were carried out from the submitted product sample(s) in conformity with the specification of the respective standards. The certificate holder has the right to affix the CE-Mark on the inspected product only when the product is completely complying with the required standards.

