

Declaration of Conformity



We here with declare, 181, Samsung-Ri, Mokcheon-Eup,
Chonan-Si, Chungcheongnam Do, R.O.K
Automation equipment plant
LS Industrial Systems Co., Ltd.

that the following equipment complies with the appropriate basic safety
and health requirements of the EC Directive based on its design and type,
as brought into circulation by us.

In case of alteration of the equipment, not agreed upon by us, this
declaration will lost its validity.

Products Description : Programmable Logic Controller

Products Type : MASTER-K120S Series

Applicable EC Directive : EC Low Voltage Directive (73/23/EEC)
EC Directive of Electromagnetic
Compatibility (89/336/EEC)

Authorized Signature : 

Date : 28/11/2006

Yong-Chul Dokko
Plant Manager
Chonan Chonan Plant
LS Industrial system Co., Ltd.

LS Industrial Systems Co., Ltd.

1. Applicable harmonized standards : listed in Table 1

Table 1

Standard	Clause	Requirement
EN61131-2	2	Service conditions and physical environments related requirements
	3	Electrical requirements
	4	Mechanical requirements
	5	Information to be provided by the manufacturer
	6	Test and verifications
EN50081-2		Electromagnetic compatibility generic emission standard
EN50082-2		Electromagnetic compatibility generic immunity standard
EN55011		Limits and methods of measurement of radio interference characteristics of information technology equipment
IEC801		Electromagnetic compatibility for industrial process measurement and control equipment
IEC801-2 (EN61000-4-2)		Electrostatic discharge requirements
IEC-801-3 (EN61000-4-3)		Radiated electromagnetic field requirements
IEC801-4 (EN61000-4-4)		Electrical fast transient burst requirements
IEC801-5		Surge immunity requirements
IEC801-6		Conducted immunity requirements
IEC255-4 (EN61000-4-10)		Damped oscillatory magnetic field immunity test

2. List of modules : listed in Table 2**Table 2**

No.	Model	Description	Remark
1	K7M-DR10U	AC100~240V, DC24V 6 Input / 4 Relay Output	
2	K7M-DR14U	AC100~240V, DC24V 8 Input / 6 Relay Output	
3	K7M-DT10U	AC100~240V, DC24V 6 Input / 4 NPN Tr. Output	
4	K7M-DT14U	AC100~240V, DC24V 8 Input / 6 NPN Tr. Output	
—	Built-in Functions	Programing capacity : 10 ksteps Pulse Catch(10 μ S : 2Points, 50 μ S : 6Points) Input Filter (0 ~ 1,000ms) External Interrupt(10 μ S : 2Points, 50 μ S : 6Points) 3 Communication ports : Loader port, RS-232C, RS-485 (Dedicated, User Defined, Modbus Master/slave) Positioning : 2 Axis 100 kpps(DT Type only) High Speed Counter (2 Phase : 50kHz 1Ch., 10kHz 1Ch.) PID Loop with auto-tuning(8 Loops)	