

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 : XGB Series

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

Authorized Signature : 

Date : 04/03/2008

Yong-Chul Dokko
Plant Manager
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	XBM-DR16S	DC24V, DC24V Input 8 Points / Relay Output 8 Points	
2	XBM-DN16S	DC24V, DC24V Input 8 Points / NPN Transistor Output 8 Points	
3	XBM-DN32S	DC24V, DC24V Input 16 Points / NPN Transistor Output 16 Points	
4	XBE-DC08A	DC24V Input 8 Points	
5	XBE-DC16A	DC24V Input 16 Points	
6	XBE-DC32A	DC24V Input 32 Points	
7	XBE-RY08A	Relay Output 8 Points	
8	XBE-RY16A	Relay Output 16 Points	
9	XBE-TN08A	NPN Transistor Output 8 Points	
10	XBE-TN16A	NPN Transistor Output 16 Points	
11	XBE-TN32A	NPN Transistor Output 32 Points	
12	XBE-DR16A	DC24V Input 8 Points / Relay Output 8 Points	
13	XBF-AD04A	Analog Input 4 Ch. (0~20mA, 4~20mA, 0~10V)	
14	XBF-DC04A	Analog Output 4 Ch. (0~20mA, 4~20mA)	
15	XBF-DV04A	Analog Output 4 Ch. (0~10V)	
16	XBF-RD04A	Resistance Temperature Detector(RTD) Input 4 Ch. (PT100, JPT100)	
17	XBF-RD01A	Resistance Temperature Detector(RTD) Input 1 Ch. (PT100, JPT100)	
18	XBF-TC04S	Thermocouple(TC) Input 4 Ch. (K, J, T, R)	
19	XBL-C21A	Cnet(RS-232C) I/F	
20	XBL-C41A	Cnet(RS-422/485) I/F	
21	XBL-EMTA	10/100 BASE-TX FEnet I/F	