

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 : XGK Series

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

Authorized Signature : 

Date : Aug. 29th, 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 XGT	Description	Highest Associated Voltage
1	XGK-CPUH	* CPU (6,144 points)	5VDC(SELV)
2	XGK-CPUA	* CPU (3,072 points)	5VDC(SELV)
3	XGK-CPUS	* CPU (3,072 points)	5VDC(SELV)
4	XGK-CPUE	* CPU (1,536 points)	5VDC(SELV)
5	XGI-D21A	* 24VDC Input Module 8 points	24VDC(SELV)
6	XGI-D22A	* 24VDC Input Module 16 points (Sink/Source)	24VDC(SELV)
7	XGI-D24A	* 24VDC Input Module 32 points (Sink/Source)	24VDC(SELV)
8	XGI-D22B	* 24VDC Input Module 16 points (Source)	24VDC(SELV)
9	XGI-D24B	* 24VDC Input Module 32 points (Source)	24VDC(SELV)
10	XGI-D28A	* 24VDC Input Module 64 points (Sink/Source)	24VDC(SELV)
11	XGI-D28B	* 24VDC Input Module 64 points (Source)	24VDC(SELV)
12	XGI-A12A	* 110VAC Input Module 16 points	110VAC
13	XGI-A21A	* 220VAC Input Module 8 points	220VAC
14	XGQ-RY1A	* Relay output Module 8 points	220VAC
15	XGQ-RY2A	* Relay output Module 16 points	220VAC
16	XGQ-RY2B	* Relay output Module 16 points	220VAC
17	XGQ-TR2A	* Transistor output Module 16 points(Sink)	24VDC(SELV)
18	XGQ-TR4A	* Transistor output Module 32 points(Sink)	24VDC(SELV)
19	XGQ-TR8A	* Transistor output Module 64 points(Sink)	24VDC(SELV)
20	XGQ-TR2B	* Transistor output Module 16 points(Source)	24VDC(SELV)
21	XGQ-TR4B	* Transistor output Module 32 points(Source)	24VDC(SELV)
22	XGQ-TR8B	* Transistor output Module 64 points(Source)	24VDC(SELV)
23	XGQ-SS2A	* Triac output Module 16 points	220VAC
24	XGH-DT4A	* 24VDC Input 16 points (Sink/Source) * Transistor output 16 points(Sink)	24VDC(SELV)
25	XGP-ACF1	* Power supply Module(AC100-240V Input)	220VAC
26	XGP-ACF2	* Power supply Module(AC100-240V Input)	220VAC
27	XGP-AC23	* Power supply Module(AC200-240V Input)	220VAC
28	XGP-DC42	* Power supply Module(DC24V Input)	24VDC(SELV)
29	XGB-M04A	* Main base 4 slot	5VDC(SELV)
30	XGB-M06A	* Main base 6 slot	5VDC(SELV)
31	XGB-M08A	* Main base 8 slot	5VDC(SELV)
32	XGB-M12A	* Main base 12 slot	5VDC(SELV)
33	XGB-E04A	* Extension base 4 slot	5VDC(SELV)
34	XGB-E06A	* Extension base 6 slot	5VDC(SELV)
35	XGB-E08A	* Extension base 8 slot	5VDC(SELV)
36	XGB-E12A	* Extension base 12 slot	5VDC(SELV)
37	XGC-E041	* Extension Cables 0.4m	5VDC(SELV)
38	XGC-E061	* Extension Cables 0.6m	5VDC(SELV)
39	XGC-E121	* Extension Cables 1.2m	5VDC(SELV)
40	XGC-E301	* Extension Cables 3m	5VDC(SELV)
41	XGC-E501	* Extension Cables 5m	5VDC(SELV)
42	XGC-E102	* Extension Cables 10m	5VDC(SELV)
43	XGC-E152	* Extension Cables 15m	5VDC(SELV)
44	XGT-TERA	* Terminator	5VDC(SELV)
45	XGT-DMMA	* Dummy Module	5VDC(SELV)

Table 2

No.	MODEL XGT	Description	Highest Associated Voltage
46	XGF-AV8A	* A/D Conversion Module(Voltage type)	15VDC(SELV)
47	XGF-AC8A	* A/D Conversion Module(Current type)	15VDC(SELV)
48	XGF-DV4A	* D/A Conversion(Voltage type)	24VDC(SELV)
49	XGF-DC4A	* D/A Conversion(Current type)	24VDC(SELV)
50	XGF-HO2A	* High speed counter Module (Open Collector)	24VDC(SELV)
51	XGF-HD2A	* High speed counter Module (Line Drive)	24VDC(SELV)
52	XGF-PO3A	* Position Controller Module(Open Collector)	24VDC(SELV)
53	XGF-PO2A	* Position Controller Module(Open Collector)	24VDC(SELV)
54	XGF-PO1A	* Position Controller Module(Open Collector)	24VDC(SELV)
55	XGF-PD3A	* Position Controller Module(Line Drive)	24VDC(SELV)
56	XGF-PD2A	* Position Controller Module(Line Drive)	24VDC(SELV)
57	XGF-PD1A	* Position Controller Module(Line Drive)	24VDC(SELV)
58	XGF-M16M	* Motion Controller Module	24VDC(SELV)
59	XGF-RD4A	* Resistance Temperature Detector Module	15VDC(SELV)
60	XGF-AD4S	* A/D Conversion Module(Isolated Voltage/Current type)	15VDC(SELV)
61	XGF-DV8A	* D/A Conversion(Voltage type)	24VDC(SELV)
62	XGF-DC8A	* D/A Conversion(Current type)	24VDC(SELV)
63	XGL-CH2A	* RS-232C/RS-422 Interface Module	15VDC(SELV)
64	XGL-C22A	* RS-232C Interface Module	15VDC(SELV)
65	XGL-C42A	* RS-422 Interface Module	15VDC(SELV)
66	XGL-EFMF	* 100BaseFx Fast Ethernet Module	15VDC(SELV)
67	XGL-EFMT	* 100BaseTx Fast Ethernet Module	15VDC(SELV)
68	XGL-EDMF	* 100BaseFx Fast Ethernet Module	15VDC(SELV)
69	XGL-EDMT	* 100BaseTx Fast Ethernet Module	15VDC(SELV)
70	XGL-RMEA	* Rnet Module	15VDC(SELV)
71	XGL-PMEA	* Profibus-DP Master Module	15VDC(SELV)
72	XGL-DMEA	* DeviceNet Module	15VDC(SELV)
73	XGL-ESHF	* 100BaseFx Fast Ethernet Switching Module	15VDC(SELV)
74	XGF-DC4S	* D/A Conversion(Isolated Current type)	24VDC(SELV)
75	XGF-DV4S	* D/A Conversion(Isolated Voltage type)	24VDC(SELV)
76	XGF-TC4S	* Thermocouple Module(Isolated Input)	15VDC(SELV)
77	XGF-AD8A	* A/D Conversion Module(Voltage/Current type)	15VDC(SELV)