

# Declaration of Conformity



We here with declare, 56,Samsung 4-gil,Mokcheon-eup,  
Cheonan-si,Chungcheongnam-do, R.O.K  
Cheonan plant  
LSIS 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 : XGI/K/R Series

Applicable EC Directive : **Electromagnetic Compatibility Directive**  
**2004/108/EC**  
**Low Voltage Directive 2006/95/EC**

Authorized Signature : 

Date : 2014. 9. 22

Kihyeong Kim  
Plant Manager  
Cheonan Plant  
LS IS Co.,Ltd.

**LSIS Co.,Ltd**

## 1. Applied standards : listed in Table 1

**Table 1**

Standard	Requirement
<b>1. Emission</b>	
EN61000-6-4	Radiated E-field emissions
EN61000-6-4	Conducted emissions
EN61000-3-2	Harmonic Current Emission
EN61000-3-3	Voltage Change, Fluctuations and Flicker
<b>2. Immunity</b>	
EN61000-4-2	Electrostatic discharge
EN61000-4-3	Radiated RF immunity
EN61000-4-4	Electrical fast transient/burst
EN61000-4-5	Surge immunity
EN61000-4-6	Conducted RF immunity
EN61000-4-8	Power frequency H-field immunity
EN61000-4-11	Voltage dips and interruptions
<b>3. Low Voltage Directive</b>	
EN 61131-2:2007	Programmable controllers – Part 2 : Equipment requirements and tests

# Appendix



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

**Table 2**

No.	MODEL	Description	Highest Associated	Remark
	XGT		Voltage	
1	XGK-CPUA	* CPU (3,072 points)	5VDC(SELV)	XGI-CPUS
2	XGK-CPUE	* CPU (1,536 points)	5VDC(SELV)	XGI-CPUE
3	XGK-CPUH	* CPU (6,144 points)	5VDC(SELV)	
4	XGK-CPUS	* CPU (3,072 points)	5VDC(SELV)	
5	XGK-CPUU	* CPU (6,144 points)	5VDC(SELV)	XGI-CPUH, XGI-CPUU
6	XGI-CPUU/D	* CPU (6,144 points)	5VDC(SELV)	
7	XGI-CPUUN	* CPU (6,144 points)	5VDC(SELV)	XGK-CPUUN
8	XGL-C22A	* RS-232C Interface Module	5VDC(SELV)	
9	XGL-C42A	* RS-422 Interface Module	5VDC(SELV)	
10	XGL-CH2A	* RS-232C/RS-422 Interface Module	5VDC(SELV)	
11	XGL-DMEA	* DeviceNet Module	5VDC(SELV)	
12	XGL-EDMF	* 100BaseF <sub>x</sub> Fast Ethernet Module	5VDC(SELV)	
13	XGL-EDMT	* 100BaseT <sub>x</sub> Fast Ethernet Module	5VDC(SELV)	
14	XGL-EFMF	* 100BaseF <sub>x</sub> Fast Ethernet Module	5VDC(SELV)	
15	XGL-EFMT	* 100BaseT <sub>x</sub> Fast Ethernet Module	5VDC(SELV)	
16	XGL-ESHF	* 100BaseF <sub>x</sub> Fast Ethernet Switching Module	5VDC(SELV)	
17	XGL-ES4T	* Multiport RAPIEnet Switching Module	5VDC(SELV)	
18	XGL-PMEA	* Profibus-DP Master Module	5VDC(SELV)	
19	XGL-PMEC	* Profibus-DP Master Module	5VDC(SELV)	
20	XGL-PSRA	* Pnet Remote I/F Module	5VDC(SELV)	
21	XGL-PSEA	* Profibus-DP Slave Module	5VDC(SELV)	
22	XGL-RMEA	* Rnet Module	5VDC(SELV)	
23	XGL-FMEA	* Fnet Module	5VDC(SELV)	
24	XGL-EH5T	* Switching Hub(Unmanaged Switch)	5VDC(SELV)	
25	XGL-EIMT	* 100BaseT <sub>x</sub> 2port Fast Dedicated Ethernet Module	5VDC(SELV)	
26	XGL-EIMF	* 100BaseF <sub>x</sub> 2port Fast Dedicated Ethernet Module	5VDC(SELV)	
27	XGL-EIMH	* 100BaseT <sub>x</sub> /F <sub>x</sub> 2port Fast Dedicated Ethernet Module	5VDC(SELV)	
28	XGL-EIPT	* EtherNet/IP Module	5VDC(SELV)	
29	XGL-BIPT	* BACNet I/F Module	5VDC(SELV)	
30	XGI-A12A	* 110VAC Input Module 16 points	110VAC	
31	XGI-A21A	* 220VAC Input Module 8 points	220VAC	
32	XGI-A21C	* 220VAC Input Module 8 points(Isolated Input)	220VAC	
33	XGI-D21A	* 24VDC Input Module 8 points	24VDC(SELV)	
34	XGI-D22A	* 24VDC Input Module 16 points (Sink/Source)	24VDC(SELV)	

Table 2

No.	MODEL	Description	Highest Associated	Remark
	XGT		Voltage	
35	XGI-D22B	* 24VDC Input Module 16 points (Source)	24VDC(SELV)	
36	XGI-D24A	* 24VDC Input Module 32 points (Sink/Source)	24VDC(SELV)	
37	XGI-D24B	* 24VDC Input Module 32 points (Source)	24VDC(SELV)	
38	XGI-D28A	* 24VDC Input Module 64 points (Sink/Source)	24VDC(SELV)	
39	XGI-D28B	* 24VDC Input Module 64 points (Source)	24VDC(SELV)	
40	XGI-D21D	* 24VDC Diagnostic Input Module 8 points	24VDC(SELV)	
41	XGQ-RY1D	* Relay Diagnostic output Module 8 points	220VAC	
42	XGQ-RY1A	* Relay output Module 8 points	220VAC	
43	XGQ-RY2A	* Relay output Module 16 points	220VAC	
44	XGQ-RY2B	* Relay output Module 16 points	220VAC	
45	XGQ-SS2A	* Triac output Module 16 points	220VAC	
46	XGQ-TR1C	* Transistor output Module 8 points(Sink)	24VDC(SELV)	
47	XGQ-TR2A	* Transistor output Module 16 points(Sink)	24VDC(SELV)	
48	XGQ-TR2B	* Transistor output Module 16 points(Source)	24VDC(SELV)	
49	XGQ-TR4A	* Transistor output Module 32 points(Sink)	24VDC(SELV)	
50	XGQ-TR4B	* Transistor output Module 32 points(Source)	24VDC(SELV)	
51	XGQ-TR8A	* Transistor output Module 64 points(Sink)	24VDC(SELV)	
52	XGQ-TR8B	* Transistor output Module 64 points(Source)	24VDC(SELV)	
53	XGH-DT4A	* 24VDC Input 16 points (Sink/Source) * Transistor output 16 points(Sink)	24VDC(SELV)	
54	XGF-AC8A	* A/D Conversion Module(Current type)	15VDC(SELV)	
55	XGF-AD4S	* A/D Conversion Module(Isolated Voltage/Current type)	15VDC(SELV)	
56	XGF-AD8A	* A/D Conversion Module(Voltage/Current type)	15VDC(SELV)	
57	XGF-AD16A	* A/D Conversion Module(Voltage/Current type)	15VDC(SELV)	
58	XGF-AV8A	* A/D Conversion Module(Voltage type)	15VDC(SELV)	
59	XGF-DC4A	* D/A Conversion(Current type)	24VDC(SELV)	
60	XGF-DC4S	* D/A Conversion(Isolated Current type)	24VDC(SELV)	
61	XGF-DC8A	* D/A Conversion(Current type)	24VDC(SELV)	
62	XGF-DV4A	* D/A Conversion(Voltage type)	24VDC(SELV)	
63	XGF-DV4S	* D/A Conversion(Isolated Voltage type)	24VDC(SELV)	
64	XGF-DV8A	* D/A Conversion(Voltage type)	24VDC(SELV)	
65	XGF-HD2A	* High speed counter Module (Line Drive)	24VDC(SELV)	
66	XGF-HO2A	* High speed counter Module (Open Collector)	24VDC(SELV)	
67	XGF-M16M	* Motion Controller Module	24VDC(SELV)	
68	XGF-PD1A	* Position Controller Module(Line Drive)	24VDC(SELV)	
69	XGF-PD2A	* Position Controller Module(Line Drive)	24VDC(SELV)	
70	XGF-PD3A	* Position Controller Module(Line Drive)	24VDC(SELV)	
71	XGF-PO1A	* Position Controller Module(Open Collector)	24VDC(SELV)	

Table 2

No.	MODEL	Description	Highest Associated	Remark
	XGT		Voltage	
72	XGF-PO2A	* Position Controller Module(Open Collector)	24VDC(SELV)	
73	XGF-PO3A	* Position Controller Module(Open Collector)	24VDC(SELV)	
74	XGF-PD1H	* Extreme Position Controller Module(Line Drive)	24VDC(SELV)	
75	XGF-PD2H	* Extreme Position Controller Module(Line Drive)	24VDC(SELV)	
76	XGF-PD3H	* Extreme Position Controller Module(Line Drive)	24VDC(SELV)	
77	XGF-PD4H	* Extreme Position Controller Module(Line Drive)	24VDC(SELV)	
78	XGF-PO1H	* Extreme Position Controller Module(Open Collector)	24VDC(SELV)	
79	XGF-PO2H	* Extreme Position Controller Module(Open Collector)	24VDC(SELV)	
80	XGF-PO3H	* Extreme Position Controller Module(Open Collector)	24VDC(SELV)	
81	XGF-PO4H	* Extreme Position Controller Module(Open Collector)	24VDC(SELV)	
82	XGF-PN8A	* Network Type Extream Position Controller Module	5VDC(SELV)	
83	XGF-PN8B	* Network Type Extream Position Controller Module(Standard)	5VDC(SELV)	
84	XGF-RD4A	* Resistance Temperature Detector Module	15VDC(SELV)	
85	XGF-TC4S	* Thermocouple Module(Isolated Input)	15VDC(SELV)	
86	XGF-RD4S	* Resistance Temperature Detector Module(Isolated Input)	15VDC(SELV)	
87	XGF-TC4UD	* Temperature Controller Module	24VDC(SELV)	
88	XGF-AH6A	* Analog Input Output Hybrid Module	24VDC(SELV)	
89	XGF-AW4S	* 2 Wire Analog Input Module	24VDC(SELV)	
90	XGF-SOEA	* Event Input Module	5VDC(SELV)	
91	XGF-HO8A	* High Speed Counter Module(Open Collector)	24VDC(SELV)	
92	XGF-TC4RT	* Temperature Controller Module	24VDC(SELV)	
93	XGF-DL16A	* Datalog Module	5VDC(SELV)	
94	XGF-AC4H	* A/D Conversion Module(HART, Current type)	15VDC(SELV)	
95	XGF-DC4H	* D/A Conversion(HART, Current type)	24VDC(SELV)	
96	XGF-RD8A	* Resistance Temperature Detector Module(8 channels)	5VDC(SELV)	
97	XGF-M32E	* Motion Controller Module (EtherCAT)	24VDC(SELV)	
98	XGP-AC23	* Power supply Module(AC200-240V Input)	220VAC	
99	XGP-ACF1	* Power supply Module(AC100-240V Input)	220VAC	
100	XGP-ACF2	* Power supply Module(AC100-240V Input)	220VAC	
101	XGP-DC42	* Power supply Module(DC24V Input)	24VDC(SELV)	
102	XGT-DMMA	* Dummy Module	5VDC(SELV)	
103	XGT-TERA	* Terminator	5VDC(SELV)	
104	XGB-E04A	* Extension base 4 slot	5VDC(SELV)	
105	XGB-E06A	* Extension base 6 slot	5VDC(SELV)	
106	XGB-E08A	* Extension base 8 slot	5VDC(SELV)	

Table 2

No.	MODEL	Description	Highest Associated	Remark
	XGT		Voltage	
107	XGB-E12A	* Extension base 12 slot	5VDC(SELV)	
108	XGB-M04A	* Main base 4 slot	5VDC(SELV)	
109	XGB-M06A	* Main base 6 slot	5VDC(SELV)	
110	XGB-M08A	* Main base 8 slot	5VDC(SELV)	
111	XGB-M12A	* Main base 12 slot	5VDC(SELV)	
112	XGC-E041	* Extension Cables 0.4m	5VDC(SELV)	
113	XGC-E061	* Extension Cables 0.6m	5VDC(SELV)	
114	XGC-E102	* Extension Cables 10m	5VDC(SELV)	
115	XGC-E121	* Extension Cables 1.2m	5VDC(SELV)	
116	XGC-E152	* Extension Cables 15m	5VDC(SELV)	
117	XGC-E301	* Extension Cables 3m	5VDC(SELV)	
118	XGC-E501	* Extension Cables 5m	5VDC(SELV)	
119	XGR-CPUH/F	* CPU (6,144 points)	5VDC(SELV)	
120	XGR-CPUH/FS	* CPU (6,144 points)	5VDC(SELV)	
121	XGR-CPUH/T	* CPU (6,144 points)	5VDC(SELV)	
122	XGR-INCT	* CPU (6,144 points)	5VDC(SELV)	
123	XGR-DBSH	* Redundant Extension Driver(Twisted/Fiber each 1 port)	5VDC(SELV)	
124	XGR-DBSF	* Redundant Extension Driver(Fiber 2 port)	5VDC(SELV)	
125	XGR-DBST	* Redundant Extension Driver(Twisted 2 port)	5VDC(SELV)	
126	XGR-DBSHS	* Redundant Extension Driver(Twisted/Fiber each 1 port)	5VDC(SELV)	
127	XGR-DBSFS	* Redundant Extension Driver(Fiber 2 port)	5VDC(SELV)	
128	XGR-DBDH	* Redundant Extension Driver(Twisted/Fiber each 1 port)	5VDC(SELV)	
129	XGR-DBDF	* Redundant Extension Driver(Fiber 2 port)	5VDC(SELV)	
130	XGR-DBDT	* Redundant Extension Driver(Twisted 2 port)	5VDC(SELV)	
131	XGR-M02P	* Redundant Main Base 2 slot	5VDC(SELV)	
132	XGR-M06P	* Redundant Main Base 6 slot	5VDC(SELV)	
133	XGR-E12P	* Redundant Extension Base 12 slot	5VDC(SELV)	
134	XGR-E08P	* Redundant Extension Base 8 slot	5VDC(SELV)	
135	XGR-E12H	* Redundant Extension Base 12 slot	5VDC(SELV)	
136	XGR-AC23	* Power supply Module(AC200-240V Input, 8.5A)	220VAC	
137	XGR-AC13	* Power supply Module(AC90-130V Input, 8.5A)	110VAC	
138	XGR-AC12	* Power supply Module(AC90-130V Input, 5.5A)	110VAC	
139	XGR-AC22	* Power supply Module(AC200-240V Input, 5.5A)	220VAC	
140	XGR-DC42	* Power supply Module(DC24V Input)	24VDC(SELV)	