

Declaration of Conformity



We here with declare, 56,Samsung 4-gil,Mokcheon-eup,
Cheonan-si,Chungcheongnam-do, R.O.K
Cheonan plant
LS ELECTRIC 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 : **Electromagnetic Compatibility Directive**
2014/30/EU

Low Voltage Directive 2014/35/EU

Authorized Signature: 

Date : Nov. 10. 2020

Park Kyoung Rok
Plant Manager
Cheonan Plant
LS ELECTRIC Co.,Ltd.

LS ELECTRIC Co.,Ltd.

1. Applied standards : listed in Table 1

Table 1

Standard	Requirement
1. Emission	
EN61000-6-4:2007/A1:2011	Radiated E-field emissions
IEC61000-6-4:2006+A1:2010	
EN61000-6-4:2007/A1:2011	Conducted emissions
IEC61000-6-4:2006+A1:2010	
EN61000-3-2:2014	Harmonic Current Emission
IEC61000-3-2:2014	
EN61000-3-3:2013	Voltage Change, Fluctuations and Flicker
IEC61000-3-3:2013	
2. Immunity	
EN61000-4-2:2009	Electrostatic discharge
IEC61000-4-2:2008	
EN61000-4-3:2006/A1:2008/A2:2010	Radiated RF immunity
IEC61000-4-3:2006+A1:2007+A2:2010	
EN61000-4-4:2012	Electrical fast transient/burst
IEC61000-4-4:2012	
EN61000-4-5:2014	Surge immunity
IEC61000-4-5:2014	
EN61000-4-6:2014	Conducted RF immunity
IEC61000-4-6:2013	
EN61000-4-11:2004	Voltage dips and interruptions
IEC61000-4-11:2004	
3. Low Voltage Directive	
EN 61131-2:2007	Programmable controllers – Part 2 : Equipment requirements and tests
IEC61131-2:2007	

1. XBM modules : listed in Table 2

Table 2

No.	MODEL	Description	Highest Associated	Remark
	XGB		Voltage	
1	XBM-DN16S	DC24V Input 8 point, Transistor Output 8 point	DC24V power supply	
2	XBM-DN32S	DC24V Input 16 point, Transistor Output 16 point	DC24V power supply	
3	XBM-DR16S	DC24V Input 8 point, Relay Output 8 point	DC24V power supply	
4	XBM-DN32H	DC24V Input 16 point, Transistor Output 16 point	DC24V power supply	
5	XBM-DN32HP	DC24V Input 16 point, Transistor Output 16 point	DC24V power supply	
6	XBM-DR16C3	DC24V Input 8 point, Relay Output 8 point	DC24V power supply	
7	XBM-DN32H2	DC24V Input 16 point, Transistor Output 16 point	DC24V power supply	
8	XEM-DN32H2	DC24V Input 16 point, Transistor Output 16 point	DC24V power supply	
9	XEM-DN32HP	DC24V Input 16 point, Transistor Output 16 point	DC24V power supply	
10	XBM-DP32H2	DC24V Input 16 point, Transistor Output 16 point	DC24V power supply	
11	XBM-DP32HP	DC24V Input 16 point, Transistor Output 16 point	DC24V power supply	
12	XEM-DP32H2	DC24V Input 16 point, Transistor Output 16 point	DC24V power supply	
13	XEM-DP32HP	DC24V Input 16 point, Transistor Output 16 point	DC24V power supply	
14	XBM-DP32H2, SEMI	DC24V Input 16 point, Transistor Output 16 point	DC24V power supply	

2. XBC(XEC) H modules : listed in Table 3

Table 3

No.	MODEL	Description	Highest Associated	Remark
	XGB		Voltage	
1	XBC-DN32H	DC24V Input 16 point, TR Output 16 point (sink type)	AC100-220V power supply	
2	XBC-DN32H/DC	DC24V Input 16 point, TR Output 16point(sink type)	DC 24V power supply	
3	XBC-DR32H	DC24V Input 16 point, Relay Output 16 point	AC100-220V power supply	
4	XBC-DR32H/DC	DC24V Input 16 point, Relay Output 16 point	DC 24V power supply	
5	XBC-DN64H	DC24V Input 32 point, TR Output 32 point (sink type)	AC100-220V power supply	
6	XBC-DN64H/DC	DC24V Input 32 point, TR Output 32 point (sink type)	DC 24V power supply	
7	XBC-DR64H	DC24V Input 32 point, Relay Output 32 point	AC100-220V power supply	
8	XBC-DR64H/DC	DC24V Input 32 point, Relay Output 32 point	DC 24V power supply	
9	XEC-DN32H	DC24V Input 16 point, TR Output 16 point (sink type)	AC100-220V power supply	
10	XEC-DP32H	DC24V Input 16 point, TR Output 16 point (source type)	AC100-220V power supply	
11	XEC-DR32H	DC24V Input 16 points, Relay Output 16 points	AC100V-220V power supply	
12	XEC-DR32H/D1	DC12V Input 16 points, Relay Output 16 points	DC12/24V power supply	
13	XEC-DN64H	DC24V Input 32 points, TR Output 32 points (sink type)	AC100V-220V power supply	
14	XEC-DP64H	DC24V Input 32 points, TR Output 32 points(source type)	AC100V-220V power supply	
15	XEC-DR64H	DC24V Input 32 points, Relay Output 32 points	AC100V-220V power supply	
16	XEC-DR64H/D1	DC12V Input 32 points, Relay Output 32 points	DC12/24V power supply	

3. XBC(XEC) S,SU modules : listed in Table 4

Table 4

No.	MODEL	Description	Highest Associated	Remark
	XGB		Voltage	
1	XBC-DN20S	DC24V Input 12 point, TR 8 point (sink type)	AC100-220V power supply	
2	XBC-DN30S	DC 24V Input 18 point, TR Output 12 point (sink type)	AC100-220V power supply	
3	XBC-DN20SU	DC24V Input 12 point, TR Output 8 point (sink type)	AC100-220V power supply	
4	XBC-DP20SU	DC24V Input 12 point, TR Output 8 point(source type)	AC100-220V power supply	
5	XBC-DR20SU	DC 24V Input 12 point, Relay Output 8 point	AC100-220V power supply	
6	XBC-DN30SU	DC 24V Input 18 point, TR Output 12 point (sink type)	AC100-220V power supply	
7	XBC-DP30SU	DC 24V Input 18 point, TR Output 12 point(source type)	AC100-220V power supply	
8	XBC-DR30SU	DC 24V Input 18 point, Relay Output 12 point	AC100-220V power supply	
9	XBC-DN40SU	DC 24V Input 24 point, TR Output 16 point(sink type)	AC100-220V power supply	
10	XBC-DP40SU	DC 24V Input 24 point, TR Output 16 point(source type)	AC100-220V power supply	
11	XBC-DR40SU	DC 24V Input 24 point, Relay Output 16 point	AC100-220V power supply	
12	XBC-DN60SU	DC 24V Input 36 point, TR Output 24 point(sink type)	AC100-220V power supply	
13	XBC-DP60SU	DC 24V Input 36 point, TR Output 24 point(source type)	AC100-220V power supply	
14	XBC-DR60SU	DC 24V Input 36 point, Relay Output 24 point	AC100-220V power supply	
15	XEC-DN20SU	DC24V Input 12 point, TR Output 8 point(sink type)	AC100-220V power supply	
16	XEC-DP20SU	DC24V Input 12 point, TR Output 8 point(source type)	AC100-220V power supply	
17	XEC-DR20SU	DC 24V Input 12 point, Relay Output 8 point	AC100-220V power supply	
18	XEC-DN30SU	DC 24V Input 18 point, TR Output 12 point(sink type)	AC100-220V power supply	
19	XEC-DP30SU	DC 24V Input 18 point, TR Output 12 point(source type)	AC100-220V power supply	
20	XEC-DR30SU	DC 24V Input 18 point, Relay Output 12 point	AC100-220V power supply	
21	XEC-DN40SU	DC 24V Input 24 point, TR Output 16 point(sink type)	AC100-220V power supply	
22	XEC-DP40SU	DC 24V Input 24 point, TR Output 16 point(source type)	AC100-220V power supply	
23	XEC-DR40SU	DC 24V Input 24 point, Relay Output 16 point	AC100-220V power supply	
24	XEC-DN60SU	DC 24V Input 36 point, TR Output 24 point(sink type)	AC100-220V power supply	
25	XEC-DP60SU	DC 24V Input 36 point, TR Output 24 point(source type)	AC100-220V power supply	
26	XEC-DR60SU	DC 24V Input 36 point, Relay Output 24 point	AC100-220V power supply	

4. XBC(XEC) E modules : listed in Table 5

Table 5

No.	MODEL	Description	Highest Associated	Remark
	XGB		Voltage	
1	XBC-DN10E	DC 24V Input 6 point, TR Output 4 point(sink type)	AC100-220V power supply	
2	XBC-DP10E	DC 24V Input 6 point, TR Output 4 point(source type)	AC100-220V power supply	
3	XBC-DR10E	DC 24V Input 6 point, Relay Output 4 point	AC100-220V power supply	
4	XBC-DN14E	DC 24V Input 8 point, TR Output 6 point(sink type)	AC100-220V power supply	
5	XBC-DP14E	DC 24V Input 8 point, TR Output 6 point(source type)	AC100-220V power supply	
6	XBC-DR14E	DC 24V Input 8 point, Relay Output 6 point	AC100-220V power supply	
7	XBC-DN20E	DC 24V Input 12 point, TR Output 8 point(sink type)	AC100-220V power supply	
8	XBC-DP20E	DC 24V Input 12 point, TR Output 8 point(source type)	AC100-220V power supply	
9	XBC-DR20E	DC 24V Input 12 point, Relay Output 8 point	AC100-220V power supply	
10	XBC-DN30E	DC 24V Input 18 point, TR Output 12 point(sink type)	AC100-220V power supply	
11	XBC-DP30E	DC 24V Input 18 point, TR Output 12 point(source type)	AC100-220V power supply	
12	XBC-DR30E	DC 24V Input 18 point, Relay Output 12 point	AC100-220V power supply	
13	XEC-DN10E	DC 24V Input 6 point, TR Output 4 point(sink type)	AC100-220V power supply	
14	XEC-DP10E	DC 24V Input 6 point, TR Output 4 point(source type)	AC100-220V power supply	
15	XEC-DR10E	DC 24V Input 6 point, Relay Output 4 point	AC100-220V power supply	
16	XEC-DN14E	DC 24V Input 8 point, TR Output 6 point(sink type)	AC100-220V power supply	
17	XEC-DP14E	DC 24V Input 8 point, TR Output 6 point(source type)	AC100-220V power supply	
18	XEC-DR14E	DC 24V Input 8 point, Relay Output 6 point	AC100-220V power supply	
19	XEC-DN20E	DC 24V Input 12 point, TR Output 8 point(sink type)	AC100-220V power supply	
20	XEC-DP20E	DC 24V Input 12 point, TR Output 8 point(source type)	AC100-220V power supply	
21	XEC-DR20E	DC 24V Input 12 point, Relay Output 8 point	AC100-220V power supply	
22	XEC-DN30E	DC 24V Input 18 point, TR Output 12 point(sink type)	AC100-220V power supply	
23	XEC-DP30E	DC 24V Input 18 point, TR Output 12 point(source type)	AC100-220V power supply	
24	XEC-DR30E	DC 24V Input 18 point, Relay Output 12 point	AC100-220V power supply	

5. XBC(XEC) EB, EX, XS modules : listed in Table 6

Table 6

No.	MODEL	Description	Highest Associated	Remark
	XGB		Voltage	
1	XBC-DR40EB	DC 24V Input 24 point, Relay Output 16 point	AC100-220V power supply	
2	XBC-DR40EX	DC 24V Input 24 point, Relay Output 16 point	AC100-220V power supply	
3	XBC-DR60EB	DC 24V Input 36 point, Relay Output 24 point	AC100-220V power supply	
4	XBC-DR60EX	DC 24V Input 36 point, Relay Output 24 point	AC100-220V power supply	
5	XBC-DT60XS	DC 24V Input 36 Contacts, TR Output 24 Contacts	AC100-220V power supply	
6	XBC-DR60XS	DC 24V Input 36 Contacts, Relay Output 24 Contacts	AC100-220V power supply	
7	XBC-DRT60XS	DC 24V Input 36 Contacts, TR Output 4/Relay 20 Contacts	AC100-220V power supply	

6. XBC(XEC) U modules : listed in Table 7

Table 7

No.	MODEL	Description	Highest Associated	Remark
	XGB		Voltage	
1	XBC-DN32U	DC 24V Input 16 point, TR Output 16 point	AC100-220V power supply	
2	XBC-DN32UA	DC 24V Input 16 point, TR Output 16 point	AC100-220V power supply	
3	XBC-DN32UP	DC 24V Input 16 point, TR Output 16 point	AC100-220V power supply	
4	XEC-DN32U	DC 24V Input 16 point, TR Output 16 point	AC100-220V power supply	
5	XEC-DN32UA	DC 24V Input 16 point, TR Output 16 point	AC100-220V power supply	
6	XEC-DN32UP	DC 24V Input 16 point, TR Output 16 point	AC100-220V power supply	
7	XBC-DR28U	DC 24V Input 16 point, Relay Output 12 point	AC100-220V power supply	
8	XBC-DR28UA	DC 24V Input 16 point, Relay Output 12 point	AC100-220V power supply	
9	XBC-DR28UP	DC 24V Input 16 point, Relay Output 12 point	AC100-220V power supply	
10	XEC-DR28U	DC 24V Input 16 point, Relay Output 12 point	AC100-220V power supply	
11	XEC-DR28UA	DC 24V Input 16 point, Relay Output 12 point	AC100-220V power supply	
12	XEC-DR28UA , KL-5000	DC 24V Input 16 point, Relay Output 12 point	AC100-220V power supply	
13	XEC-DR28UP	DC 24V Input 16 point, Relay Output 12 point	AC100-220V power supply	
14	XBC-DP32U	DC 24V Input 16 point, TR Output 16 point(source type)	AC100-220V power supply	
15	XBC-DP32UA	DC 24V Input 16 point, TR Output 16 point(source type)	AC100-220V power supply	
16	XBC-DP32UP	DC 24V Input 16 point, TR Output 16 point(source type)	AC100-220V power supply	
17	XEC-DP32U	DC 24V Input 16 point, TR Output 16 point(source type)	AC100-220V power supply	
18	XEC-DP32UA	DC 24V Input 16 point, TR Output 16 point(source type)	AC100-220V power supply	
19	XEC-DP32UP	DC 24V Input 16 point, TR Output 16 point(source type)	AC100-220V power supply	

7. XBC(XEC) U/DC modules : listed in Table 8

Table 8

No.	MODEL	Description	Highest Associated	Remark
	XGB		Voltage	
1	XBC-DN32U/DC	DC 24V Input 16 point, TR Output 16 point	DC24V power supply	
2	XBC-DN32UA/DC	DC 24V Input 16 point, TR Output 16 point	DC24V power supply	
3	XBC-DN32UP/DC	DC 24V Input 16 point, TR Output 16 point	DC24V power supply	
4	XEC-DN32U/DC	DC 24V Input 16 point, TR Output 16 point	DC24V power supply	
5	XEC-DN32UA/DC	DC 24V Input 16 point, TR Output 16 point	DC24V power supply	
6	XEC-DN32UP/DC	DC 24V Input 16 point, TR Output 16 point	DC24V power supply	
7	XBC-DR28U/DC	DC 24V Input 16 point, Relay Output 12 point	DC24V power supply	
8	XBC-DR28UA/DC	DC 24V Input 16 point, Relay Output 12 point	DC24V power supply	
9	XBC-DR28UP/DC	DC 24V Input 16 point, Relay Output 12 point	DC24V power supply	
10	XEC-DR28U/DC	DC 24V Input 16 point, Relay Output 12 point	DC24V power supply	
11	XEC-DR28UA/DC	DC 24V Input 16 point, Relay Output 12 point	DC24V power supply	
12	XEC-DR28UP/DC	DC 24V Input 16 point, Relay Output 12 point	DC24V power supply	
13	XBC-DP32U/DC	DC 24V Input 16 point, TR Output 16 point(source type)	DC24V power supply	
14	XBC-DP32UA/DC	DC 24V Input 16 point, TR Output 16 point(source type)	DC24V power supply	
15	XBC-DP32UP/DC	DC 24V Input 16 point, TR Output 16 point(source type)	DC24V power supply	
16	XEC-DP32U/DC	DC 24V Input 16 point, TR Output 16 point(source type)	DC24V power supply	
17	XEC-DP32UA/DC	DC 24V Input 16 point, TR Output 16 point(source type)	DC24V power supply	
18	XEC-DP32UP/DC	DC 24V Input 16 point, TR Output 16 point(source type)	DC24V power supply	

8. Digital I/O modules : listed in Table 9


Table 9

No.	MODEL	Description	Highest Associated	Remark
	XGB		Voltage	
1	XBE-DC08A	DC24V Input module 8points	5VDC(SELV)	
2	XBE-DC16A	DC24V Input module 16points	5VDC(SELV)	
3	XBE-DC32A	DC24V Input module 32 point	5VDC(SELV)	
4	XBE-DR16A	DC24V Input 8point/Relay Output module 8 point	5VDC(SELV)	
5	XBE-TN08A	Transistor Output module 8points(sink)	5VDC(SELV)	
6	XBE-TN16A	Transistor Output module 16points(sink)	5VDC(SELV)	
7	XBE-TN32A	Transistor Output module 32points(sink)	5VDC(SELV)	
8	XBE-TP08A	Transistor Output module 8points(source)	5VDC(SELV)	
9	XBE-TP16A	Transistor Output module 16points(source)	5VDC(SELV)	
10	XBE-TP32A	Transistor Output module 32points(source)	5VDC(SELV)	
11	XBE-RY08A	Relay Output module 8 points	5VDC(SELV)	
12	XBE-RY08B	Relay Output module 8 points	5VDC(SELV)	
13	XBE-RY16A	Relay Output module 16 points	5VDC(SELV)	
14	XBE-DN32A	DC24V Input 16point/Transistor Output module 16 point	5VDC(SELV)	
15	XBE-AC08A	AC110V Input module 8points	110VAC	
16	XBE-DC08D	DC24V Input module 8points	5VDC(SELV)	
17	XBE-DC16D	DC24V Input module 16points	5VDC(SELV)	
18	XBE-RY08D	DC24V Input module 32 point	5VDC(SELV)	
19	XBE-RY16D	DC24V Input 8point/Relay Output module 8 point	5VDC(SELV)	
20	XBE-TN08D	Transistor Output module 8points(sink)	5VDC(SELV)	
21	XBE-TN16D	Transistor Output module 16points(sink)	5VDC(SELV)	
22	XBE-TP08D	Transistor Output module 8points(source)	5VDC(SELV)	
23	XBE-TP16D	Transistor Output module 16points(source)	5VDC(SELV)	

9. Option modules : listed in Table 10

Table 10

No.	MODEL	Description	Highest Associated	Remark
	XGB		Voltage	
1	XBO-DC04A	DC 24V Input module 4 points ("XBC(XEC)"-SU type HSC 4 channel)	5VDC(SELV)	
2	XBO-TN04A	Transistor Output 4 module channel(sink) ("XBC(XEC)"-SU type Positioning 2 axes (low speed))	5VDC(SELV)	
3	XBO-RTCA	RTC module	5VDC(SELV)	
4	XBO-AD02A	Analog Input 2-channel (Current/Voltage)	5VDC(SELV)	
5	XBO-AH02A	Analog Input/Output 2-channel (Current/Voltage Input 1 channel, output 1 channel)	5VDC(SELV)	
6	XBO-DA02A	Analog Output 2-channel (Current/Voltage)	5VDC(SELV)	
7	XBO-RD01A	RTD Input 1 channel	5VDC(SELV)	
8	XBO-TC02A	Thermocouple Input 2 channel	5VDC(SELV)	



10. Special modules : listed in Table 11

Table 11

No.	MODEL	Description	Highest Associated	Remark
	XGB		Voltage	
1	XBF-AD04A	Volt/Current, 4-CH	5VDC(SELV)	
2	XBF-AD08A	Volt/Current, 8-CH	5VDC(SELV)	
3	XBF-AD04C	Volt/Current, 4-CH, 14bit	5VDC(SELV)	
4	XBF-DV04A	Voltage, 4-CH	5VDC(SELV)	
5	XBF-DV04C	Voltage, 4-CH, 14bit	5VDC(SELV)	
6	XBF-DC04A	Current, 4-CH	5VDC(SELV)	
7	XBF-DC04B	Current, 4-CH (0~1.2mA)	5VDC(SELV)	
8	XBF-DC04C	Current, 4-CH, 14bit	5VDC(SELV)	
9	XBF-AH04A	Volt/Current I/O, 2/2 CH	5VDC(SELV)	
10	XBF-RD04A	RTD, 4-CH	5VDC(SELV)	
11	XBF-RD01A	RTD, 1-CH	5VDC(SELV)	
12	XBF-TC04S	TC, 4-CH	5VDC(SELV)	
13	XBF-TC04B	TC, 4-CH (0~100mV)	5VDC(SELV)	
14	XBF-TC04RT	RTD, 4-CH, TR, 4-POINT	5VDC(SELV)	
15	XBF-TC04TT	TC, 4-CH, TR, 4-POINT	5VDC(SELV)	
16	XBF-PD02A	Line-Driver, 2-Axis	5VDC(SELV)	
17	XBF-PN04B	Network, 4-Axis	5VDC(SELV)	
18	XBF-PN08B	Network, 8-Axis	5VDC(SELV)	
19	XBF-HO02A	Open-Collector, 2-CH	5VDC(SELV)	
20	XBF-HD02A	Line-Driver, 2-CH	5VDC(SELV)	
21	XBF-LD02S	Load Cell Input Module, 2-CH	5VDC(SELV)	
22	XBF-AD04D	Volt/Current, 4-CH	5VDC(SELV)	
23	XBF-DV04D	Voltage, 4-CH	5VDC(SELV)	
24	XBF-DC04D	Current, 4-CH	5VDC(SELV)	

11. Communication modules : listed in Table 12

Table 12

No.	MODEL	Description	Highest Associated	Remark
	XGB		Voltage	
1	XBL-CMEA	CANopen I/F module(Master)	5VDC(SELV)	
2	XBL-CSEA	CANopen I/F module(Slave)	5VDC(SELV)	
3	XBL-EIMF	RAPIDnet I/F module (Optical 2 ports)	5VDC(SELV)	
4	XBL-EIMH	RAPIDnet I/F module (Electric 1 port, optical 1port)	5VDC(SELV)	
5	XBL-EIMT	RAPIDnet I/F module (Electric 2 ports)	5VDC(SELV)	
6	XBL-EIPT	EtherNet/IP I/F module	5VDC(SELV)	
7	XBL-PMEC	Profibus-DP I/F module(Master)	5VDC(SELV)	
8	XBL-C21A	Cnet I/F module (RS-232C 1 Channel)	5VDC(SELV)	
9	XBL-C41A	Cnet I/F module (RS-422/485 1 Channel)	5VDC(SELV)	
10	XBL-EMTA	EtherNET I/F module (10/100 BASE-TX)	5VDC(SELV)	
11	XBL-PSEA	Profibus-DP I/F module(Slave)	5VDC(SELV)	
12	XBL-DSEA	DeviceNet I/F module(Slave)	5VDC(SELV)	
13	XBL-PMEA	Profibus-DP I/F module(Master)	5VDC(SELV)	
14	XBL-RMEA	Rnet I/F module(Master)	5VDC(SELV)	

12. Smart I/O Pnet modules : listed in Table 13

Table 13

No.	MODEL	Description	Highest Associated	Remark
	XGB		Voltage	
1	GPL-TR2A	TR Output 16 point (Sink 0.1A)	DC24V power supply	
2	GPL-TR2A1	TR Output 16 point (Sink 0.5A)	DC24V power supply	
3	GPL-TR2B	TR Output 16 point (Source 0.5A)	DC24V power supply	
4	GPL-TR4A	TR Output 32 point (Sink 0.1A)	DC24V power supply	
5	GPL-TR4A1	TR Output 32 point (Sink 0.5A)	DC24V power supply	
6	GPL-TR4B	TR Output 32 point (Source 0.5A)	DC24V power supply	
7	GPL-DT4A	DC Input 16 point /TR Output 16 point (Sink 0.1A)	DC24V power supply	
8	GPL-DT4A1	DC Input 16 point /TR Output 16 point (Sink 0.5A)	DC24V power supply	
9	GPL-DT4B	DC Input 16 point /TR Output 16 point (Source 0.5A)	DC24V power supply	
10	GPL-RY2A	Relay Output 16 point	DC24V power supply	
11	GPL-D22A	DC Input 16 point	DC24V power supply	
12	GPL-D24A	DC Input 32 point	DC24V power supply	
13	GPL-TR2A	TR Output 16 point (Sink 0.1A)	DC24V power supply	
14	GPL-TR2C	TR Output 16 (Source 0.5A)	DC24V power supply	
15	GPL-TR2C1	TR Output 16 point (Sink 0.5A)	DC24V power supply	
16	GPL-TR4C	TR Output 32 (Sink 0.5A)	DC24V power supply	
17	GPL-TR4C1	TR Output 32 point (Sink 0.5A)	DC24V power supply	
18	GPL-DT4C	DC Input 16/TR Output 16 (Sink 0.5A)	DC24V power supply	
19	GPL-DT4C1	DC Input 16 point /TR Output 16 point (Sink 0.5A)	DC24V power supply	
20	GPL-RY2C	Relay Output 16 point	DC24V power supply	
21	GPL-D22C	DC Input 16	DC24V power supply	
22	GPL-D24C	DC Input 32 point	DC24V power supply	
23	GPL-AV8C	Analog voltage Input, 8 channels	DC24V power supply	
24	GPL-AC8C	Analog current Input, 8 channels	DC24V power supply	
25	GPL-DV4C	Analog voltage Output, 4 channels	DC24V power supply	
26	GPL-DC4C	Analog current Output, 4 channels	DC24V power supply	

13. Smart I/O Dnet modules : listed in Table 14

Table 14

No.	MODEL	Description	Highest Associated	Remark
	XGB		Voltage	
1	GDL-TR2A	TR Output 16 point (Sink 0.1A)	DC24V power supply	
2	GDL-TR2A1	TR Output 16 point (Sink 0.5A)	DC24V power supply	
3	GDL-TR2B	TR Output 16 point (Source 0.5A)	DC24V power supply	
4	GDL-TR4A	TR Output 32 point (Sink 0.1A)	DC24V power supply	
5	GDL-TR4A1	TR Output 32 point (Sink 0.5A)	DC24V power supply	
6	GDL-TR4B	TR Output 32 point (Source 0.5A)	DC24V power supply	
7	GDL-DT4A	DC Input 16 point /TR Output 16 point (Sink 0.1A)	DC24V power supply	
8	GDL-DT4A1	DC Input 16 point /TR Output 16 point (Sink 0.5A)	DC24V power supply	
9	GDL-DT4B	DC Input 16 point /TR Output 16 point (Source 0.5A)	DC24V power supply	
10	GDL-RY2A	Relay Output 16 point	DC24V power supply	
11	GDL-D22A	DC Input 16 point	DC24V power supply	
12	GDL-D24A	DC Input 32 point	DC24V power supply	
13	GDL-TR2C	TR Output 16 (Source 0.5A)	DC24V power supply	
14	GDL-TR2C1	TR Output 16 point (Sink 0.5A)	DC24V power supply	
15	GDL-TR4C	TR Output 32 (Sink 0.5A)	DC24V power supply	
16	GDL-TR4C1	TR Output 32 point (Sink 0.5A)	DC24V power supply	
17	GDL-DT4C	DC Input 16/TR Output 16 (Sink 0.5A)	DC24V power supply	
18	GDL-DT4C1	DC Input 16 point /TR Output 16 point (Sink 0.5A)	DC24V power supply	
19	GDL-RY2C	Relay Output 16 point	DC24V power supply	
20	GDL-D22C	DC Input 16	DC24V power supply	
21	GDL-D24C	DC Input 32 point	DC24V power supply	

14. Smart I/O Rnet modules : listed in Table 15

Table 15

No.	MODEL	Description	Highest Associated	Remark
	XGB		Voltage	
1	GRL-TR2A(N)	TR Output 16 point (Sink 0.1A)	DC24V power supply	
2	GRL-TR4A(N)	TR Output 32 point (Sink 0.1A)	DC24V power supply	
3	GRL-DT4A(N)	DC Input 16 point /TR Output 16 point (Sink 0.1A)	DC24V power supply	
4	GRL-RY2A(N)	Relay Output 16 point	DC24V power supply	
5	GRL-D22A(N)	DC Input 16 point	DC24V power supply	
6	GRL-D24A(N)	DC Input 32 point	DC24V power supply	
7	GRL-TR2C1	TR Output 16 point (Sink 0.5A)	DC24V power supply	
8	GRL-TR2C	TR Output 16 (Source 0.5A)	DC24V power supply	
9	GRL-TR4C1	TR Output 32 point (Sink 0.5A)	DC24V power supply	
10	GRL-TR4C	TR Output 32 (Sink 0.5A)	DC24V power supply	
11	GRL-DT4C1	DC Input 16 point /TR Output 16 point (Sink 0.5A)	DC24V power supply	
12	GRL-DT4C	DC Input 16/TR Output 16 (Sink 0.5A)	DC24V power supply	
13	GRL-RY2C	Relay Output 16 point	DC24V power supply	
14	GRL-D22C	DC Input 16	DC24V power supply	
15	GRL-D24C	DC Input 32 point	DC24V power supply	
16	GOL-RR8T	Rnet Repeater Hub Module	DC24V power supply	

15. Smart I/O Snet modules : listed in Table 16

Table 16

No.	MODEL	Description	Highest Associated	Remark
	XGB		Voltage	
1	GSL-TR2A	TR Output 16 point (Sink 0.1A)	DC24V power supply	
2	GSL-TR4A	TR Output 32 point (Sink 0.1A)	DC24V power supply	
3	GSL-DT4A	DC Input 16 point /TR Output 16 point (Sink 0.1A)	DC24V power supply	
4	GSL-RY2A	Relay Output 16 point	DC24V power supply	
5	GSL-D22A	DC Input 16 point	DC24V power supply	
6	GSL-D24A	DC Input 32 point	DC24V power supply	
7	GSL-TR2C1	TR Output 16 point (Sink 0.5A)	DC24V power supply	
8	GSL-TR2C	TR Output 16 (Source 0.5A)	DC24V power supply	
9	GSL-TR4C1	TR Output 32 point (Sink 0.5A)	DC24V power supply	
10	GSL-TR4C	TR Output 32 (Sink 0.5A)	DC24V power supply	
11	GSL-DT4C1	DC Input 16 point /TR Output 16 point (Sink 0.5A)	DC24V power supply	
12	GSL-DT4C	DC Input 16/TR Output 16 (Sink 0.5A)	DC24V power supply	
13	GSL-RY2C	Relay Output 16 point	DC24V power supply	
14	GSL-D22C	DC Input 16	DC24V power supply	
15	GSL-D24C	DC Input 32 point	DC24V power supply	

16. Smart I/O RAPIEnet modules : listed in Table 17**Table 17**

No.	MODEL	Description	Highest Associated	Remark
	XGB		Voltage	
1	GEL-TR4C1	TR Output 32 point (Sink 0.5A)	DC24V power supply	
2	GEL-DT4C1	DC Input 16 point /TR Output 16 point (Sink 0.5A)	DC24V power supply	
3	GEL-RY2C	Relay Output 16 point	DC24V power supply	
4	GEL-D24C	DC Input 32 point	DC24V power supply	
5	GEL-AV8C	Analog voltage Input, 8 channels	DC24V power supply	
6	GEL-AC8C	Analog current Input, 8 channels	DC24V power supply	
7	GEL-DV4C	Analog voltage Output, 4 channels	DC24V power supply	
8	GEL-DC4C	Analog current Output, 4 channels	DC24V power supply	



17. Smart I/O Extendable modules : listed in Table 18**Table 18**

No.	MODEL	Description	Highest Associated	Remark
	XGB		Voltage	
1	XEL-BSSA	Enet I/F adapter (MODBUS/TCP)	DC24V power supply	
2	XEL-BSSB	Enet I/F adapter (EtherNet/IP)	DC24V power supply	
3	XPL-BSSA	Pnet I/F adapter	DC24V power supply	
4	XRL-BSSA	Rnet I/F adapter	DC24V power supply	
5	XDL-BSSA	Dnet I/F adapter	DC24V power supply	
6	XEL-BSSCT	EtherCAT I/F adapter	DC24V power supply	
7	XEL-BSSRT	RAPIEnet I/F adapter	DC24V power supply	
8	XEL-BSSRF	RAPIEnet I/F adapter	DC24V power supply	
9	XEL-BSSRH	RAPIEnet I/F adapter	DC24V power supply	

