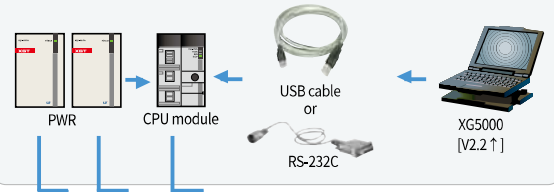
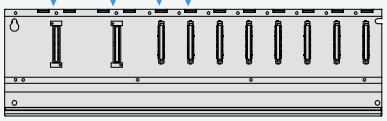
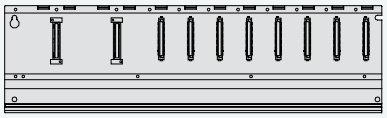
System Configuration





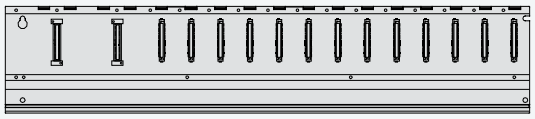
Main base [A Side] XGR-M06P / XGR-M02P



Main base [B Side] XGR-M06P / XGR-M02P

Main base

- 2 types of CPU (Fiber optic, Twisted fair)
- Power : AC110V, AC220V
- 6slot base : Enable to install 6 communication modules



Expansion base XGR-E12P / XGR-E12H

Expansion base

- Power 8.5A/AC110V, 8.5A/AC220V
- Expansion drive : Fiber optic, Twisted fair, Hybrid
- EFM* and EIM* not available with 12slot base

Item	XGR Module	
CPU	XGR-CPUH/T	Twisted pair
	XGR-CPUH/F	Fiber optic (2km)
	XGR-CPUH/S	Fiber optic (15km)
Power	XGR-AC12	110V, 5.5A (Main base)
	XGR-AC13	110V, 8.5A (Expansion base)
	XGR-AC22	220V, 5.5A (Main base)
	XGR-AC23	220V, 8.5A (Expansion base)
	XGR-DC42	DC24V/DC5V 7A, Main (Expansion base)
Base	XGR-M02P	2slot (Main base)
	XGR-M06P	6slot (Main base)
	XGR-E08P	8slot (Expansion base)
	XGR-E12P	12slot (Expansion base)
	XGR-E12H	12slot (Expansion base, Drive redundancy)
Expansion Drive	XGR-DBST	Twisted pair - Twisted
	XGR-DBSF	Pair fiber optic - Fiber optic(2km)
	XGR-DBSH	Twisted pair - Fiber optic(2km)
	XGR-DBSFS	Pair fiber optic - Fiber optic(15km)
	XGR-DBSHS	Twisted pair - Fiber optic(15km)

Item	XGR Module	
Expansion Drive Redundancy	XGR-DBDT	Twisted pair - Twisted
	XGR-DBDF	Pair fiber optic-Fiber optic(2km)
	XGR-DBDH	Twisted pair - Fiber optic(2km)
Sync & Expansion Cable	XGC-F201	2m (Fiber optic)
	XGC-F501	5m (Fiber optic)

Item	Input Module		
	AC110V	AC220V	DC24V
8 points	-	XGI-A21A, XGI-A21C	XGI-D21A
16 points	XGI-A12A	-	XGI-D22A
	-	-	XGI-D22B
32 points	-	-	XGI-D24A
	-	-	XGI-D24B
64 points	-	-	XGI-D28A
	-	-	XGI-D28B

Item	Output Module		
	Relay	Triac	Transistor
8 points	XGQ-RY1A	-	XGQ-TR1C
16 points	XGQ-RY2A	XGQ-SS2A	XGQ-TR2A
	XGQ-RY2B	-	XGQ-TR2B
32 points	-	-	XGQ-TR4A
	-	-	XGQ-TR4B
64 points	-	-	XGQ-TR8A
	-	-	XGQ-TR8B

Item	Special Module	
Analog Input	XGF-AV8A	Voltage input type, 8ch
	XGF-AC8A	Current input type, 8ch
	XGF-AD8A	Voltage/ Current input, 8ch
	XGF-AD4S	Voltage/ Current input, 4ch (Isolated)
	XGF-AD16A	Voltage/ Current input, 16ch
	XGF-AW4S	2-wire, Voltage/ Current input, 4ch (Isolated)
Analog Output	XGF-DV4A	Voltage output type, 4ch
	XGF-DC4A	Current output type, 4ch
	XGF-DV8A	Voltage output type, 8ch
	XGF-DC8A	Current output type, 8ch
	XGF-DV4S	Voltage output, 4ch (Isolated)
	XGF-DC4S	Current output, 4ch (Isolated)
Analog Input/Output	XGF-AH6A	Input : 4ch, Voltage/ Current Output : 2ch voltage/ Current
High-Speed Counter	XGF-HO2A	Pulse (OC) input type, 2ch
	XGF-HD2A	Pulse (LD) input type, 2ch
Positioning	XGF-PO1H~PO4H	Open collector, 1~4axis
	XGF-PD1H~PD4H	Line drive, 1~4axis
Positioning (Network Type)	XGF-PN8A	LS standard EtherCAT 8 axes
	XGF-PN8B	Standard EtherCAT 8 axes
Motion Module	XGF-M32E	Standard EtherCAT 32 axes
Temperature Control	XGF-TC4S	Thermocouple input, 4ch
	XGF-RD4A	RTD input, 4ch
	XGF-RD4S	RTD input, 4ch (Insulated)
Temperature Controller	XGF-TC4UD	Input : 4ch. (Voltage/Current, RTD/TC) Output : 8ch. (TR/Current) Controller : 4 loops
	XGF-TC4RT	Input : 4ch.(RTD) Output : 4ch.(TR) Controller : 4 loops
Event Input	XGF-SOEA	DC24V, 32points

Item	Communication Module	
RAPIEnet+ - RAPIEnet v2 - EtherNet/IP - Modbus TCP/IP - Dedicated XGT Network	XGL-EFMTB	Master/client, Twisted fair 2ch.
	XGL-EFMFB	Master/client, Fiber optic 2ch.
	XGL-EFMHB	Master/client, Twisted fair/fiber optic
	XOL-ES4T	Stand alone switch twisted pair 4ch.
	XOL-ES4H	Stand alone switch twisted 2ch. fiber 2ch.
	XGL-EH5T	Open Ethernet switching hub
Computer Link (Cnet)	XGL-CH2B	RS-232C 1ch., RS-422/485 1ch.
	XGL-C22B	RS-232C 2ch.
	XGL-C42B	RS-422/485 2ch.
DeviceNet (Dnet)	XGL-DMEB	DeviceNet, Master
	XGL-DSEB	DeviceNet, Slave
Profibus-DP (Pnet)	XGL-PMEB	Profibus-DP, Master
	XGL-PSRA	Profibus-DP Slave, Remote interface
	XGL-PSEA	Profibus-DP Slave
Rnet	XGL-RMEB	Rnet, Master, TP
	GOL-RR8T	Rnet stand alone repeater hub
Fnet	XGL-FMEA	Fnet, Master
BACnet/IP	XGL-BIPT	BACnet client/server