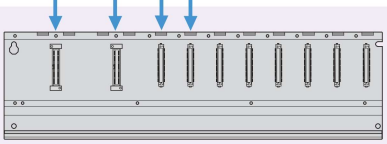
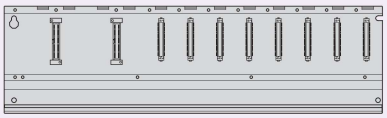
System configuration



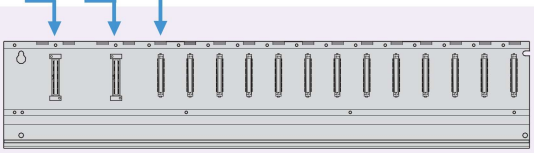
Main base [A Side] XGR-M06P / XGR-M02P



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

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)

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	-	-
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	Input/Output mixed module	
	16-point DC input	16-point TR output

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-P01A-P03A	Open collector, 1~3axis
	XGF-PD1A-PD3A	Line drive, 1~3axis
	XGF-P01H-P04H	Open collector, 1~4axis
	XGF-PD1H-PD4H	Line drive, 1~4axis
Positioning (Network Type)	XGF-PN8A	LS Standard EtherCAT Net. 8axis
	XGF-PN8B	Standard EtherCAT Net. 8axis
Motion modnle	XGF-M32E	Standard EtherCAT Nee. 32axis
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

Communication module		
RAPIEnet	XGL-EIMT	RAPIEnet Twisted fair 2Ch
	XGL-EIMH	RAPIEnet Fiber optic/Twisted fair 1Ch
	XGL-EIMF	RAPIEnet Fiber optic 2Ch
	XGL-ES4T	RAPIEnet Switch. 4Ports
	XOL-EIMT	RAPIEnet Twisted fair 2Ch For PC
	XOL-EIMF	RAPIEnet Fiber optic 2Ch For PC
Cnet	XGL-CH2B	RS-232C/RS-422
	XGL-C22B	RS-232C, 2Ch
	XGL-C42B	RS-422, 2Ch
Ethernet (Open)	XGL-EFMTB	Fiber optic, Master, SC type
	XGL-EFMFB	Twisted pair, Master, RJ-45
	XGL-EHST	Fast Ethernet, Switching hub
Ethernet (Dedicated)	XGL-EDMF	Fiber optic, Master, SC type
	XGL-EDMT	Twisted pair, Master, RJ-45
EtherNet/IP	XGL-EIPT	Industrial Ethernet, 2ports
Rnet	XGL-RMEB	Rnet, Master, TP
DeviceNet	XGL-DMEB	DeviceNet, Master
Profibus-DP	XGL-PMEB	Profibus-DP, Master
	XGL-PSRA	Profibus-DP Slave, Remote interface
	XGL-PSEA	Profibus-DP Slave
Fnet	XGL-FMEA	Dedicated network
BACnet/IP	XGL-BIPT	BACnet client/server