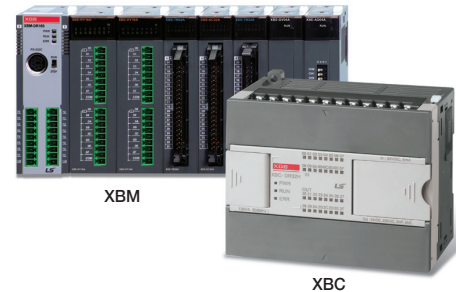




XGB Series | Micro PLC

LSIS introduces its most compact and high performance PLC, XGB series. The compactness, high performance, easiness & convenience and functionality are three important characteristics of the XGB PLC.

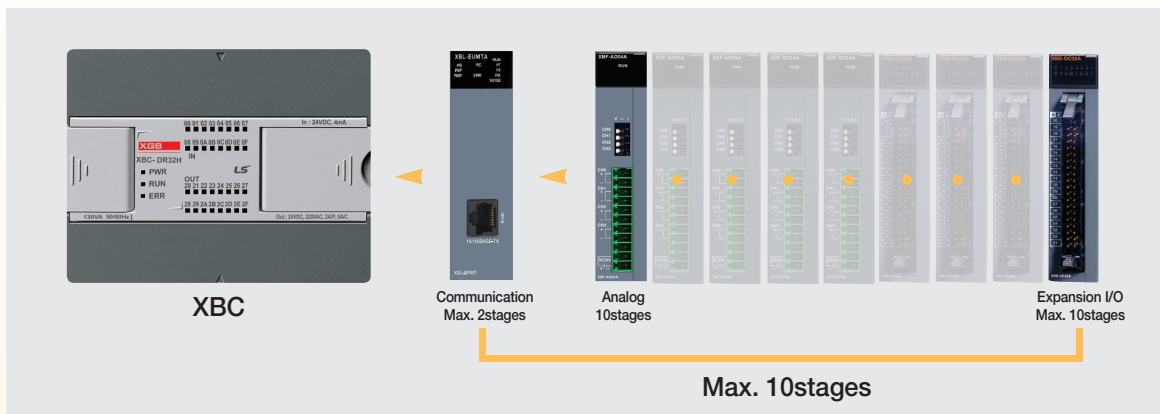
Its compactness ensures that it occupied less space in the equipment and its diverse expendability guarantees flexibility for needs. And its various built-in functions enable the cost-effective PLC system. This controller is particularly suitable for performing small-to-medium performance automation tasks.



Features

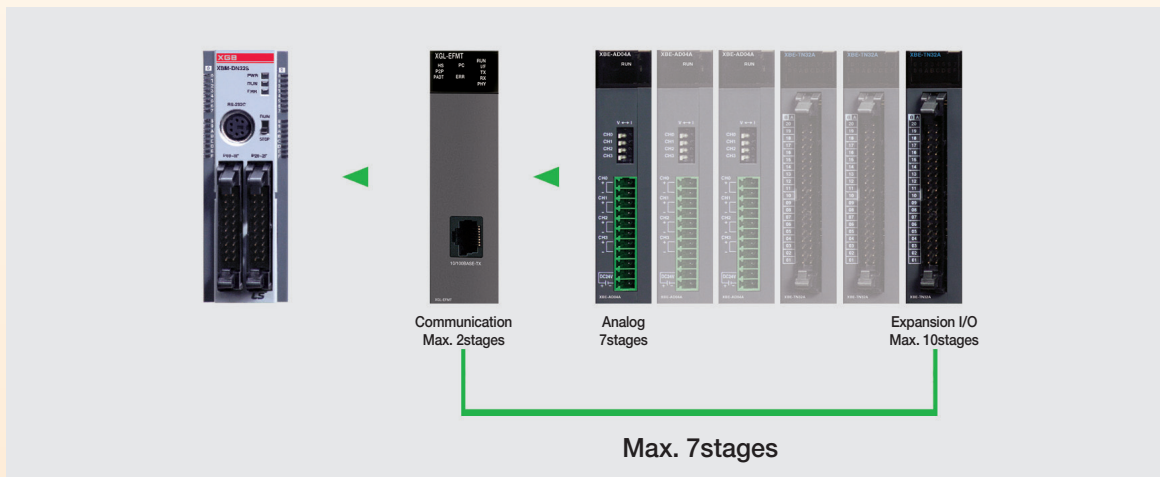
XBC/XEC (H-Type)

- 83ns/Step processing speed and floating-point arithmetic with on-board CPU
- Max 10 expansion modules, Max. 384 I/O point control: PLC systems for Small- and medium-scale applications
- Max. 5-Ch Communication with built-in functions and expansion modules



XBM (S-Type)

- 160ns/Step processing speed and floating-point arithmetic with on-board CPU
- Max 7 expansion modules, Max. 256 I/O point control: PLC systems for Small- and medium-scale applications
- Max. 5-Ch Communication with built-in functions and expansion modules



XGB Series | Product list



Product list

Item	Model	Specification
Block type unit (Economic type)	XBC/XEC-DR10E	AC 100 ~ 240V, 6 points DC input, 4 point Relay ouput
	XBC/XEC-DR14E	AC 100 ~ 240V, 6 points DC input, 4 point Relay output
	XBC/XEC-DR20E	AC 100 ~ 240V, 12 points DC input, 8 point Relay output
	XBC/XEC-DR30E	AC 100 ~ 240V, 18 points DC input, 12 point Relay output
	XBC/XEC-DN10E	AC 100 ~ 240V, 6 points DC input, 4 point transistor output(Sink)
	XBC/XEC-DN14E	AC 100 ~ 240V, 8 points DC input, 6 point transistor output(Sink)
	XBC/XEC-DN20E	AC 100 ~ 240V, 12 points DC input, 8 point transistor output(Sink)
	XBC/XEC-DN30E	AC 100 ~ 240V, 18 points DC input, 12 point transistor output(Sink)
	XBC/XEC-DP10E	AC 100 ~ 240V, 6 points DC input, 4 point transistor output(Source)
	XBC/XEC-DP14E	AC 100 ~ 240V, 8 points DC input, 6 point transistor output(Source)
	XBC/XEC-DP20E	AC 100 ~ 240V, 12 points DC input, 8 point transistor output(Source)
	XBC/XEC-DP30E	AC 100 ~ 240V, 18 points DC input, 12 point transistor output(Source)
Block type unit (Standard type)	XBC/XEC-DR20SU	AC100~240V, 12-point DC input, 8-point Relay output
	XBC/XEC-DN20S(U)	AC100~240V, 12-point DC input, 8-point TR output
	XBC/XEC-DR30SU	AC100~240V, 18-point DC input, 12-point Relay output
	XBC/XEC-DN30S(U)	AC100~240V, 18-point DC input, 12-point TR output
	XBC/XEC-DR40SU	AC100~240V, 24-point DC input, 16-point Relay output
	XBC/XEC-DN40SU	AC100~240V, 24-point DC input, 16-point TR output
	XBC/XEC-DR60SU	AC100~240V, 36-point DC input, 24-point Relay output
	XBC/XEC-DN60SU	AC100~240V, 36-point DC input, 24-point TR output
	XBC-DR32H	AC100~240V, 16-point DC input, 16-point Relay output
	XBC-DN32H	AC110~220V, 16-point DC input, 16-point TR output
	XBC-DR64H	AC100~240V, 32-point DC input, 32-point Relay output
	XBC-DN64H	AC110~220V, 32-point DC input, 32-point TR output
Block type unit (High performance type)	XBC-DR32H/DC	DC24V, 16-point DC input, 16-point Relay output
	XBC-DN32H/DC	DC24V, 16-point DC input, 16-point TR output
	XBC-DR64H/DC	DC24V 32 point DC input 32 point XBC-DC24V, 32-input, 32-Relay output
	XBC-DN64H/DC	DC24V, 32-point DC input, 32-point TR output
	XEC-DR32H/D1	AC100~240V, DC12/24V 16-point DC input, 16-point Relay output
	XEC-DN32H	AC110~220V, 16-point DC input, 16-point TR output
	XEC-DR64H/D1	AC100~240V, DC12/24V 32-point DC input, 32-point Relay output
	XEC-DN64H	AC110~220V, 32-point DC input, 32-point TR output
Modular type unit	XBM-DR16S	DC24V, 8-point DC24V input, 8-point relay output
	XBM-DN16S	DC24V, 8-point DC24V input, 8-point TR output
	XBM-DN32S	DC24V, 16-point DC24V input, 16-point TR output
Expansion I/O module	XBE-DC08A	8-point DC24V input
	XBE-DC16A	16-point DC24V input
	XBE-DC32A	32-point DC24V input
	XBE-RY08A	8-point relay output
	XBE-RY16A	16-point relay output
	XBE-TN08A	8-point Transistor (sink) output
	XBE-TN16A	16-point Transistor (sink) output
	XBE-TN32A	32-point Transistor (sink) output
	XBE-TP08A	8-point Transistor (source) output
	XBE-TP16A	16-point Transistor (source) output
	XBE-TP32A	32-point Transistor (source) output
	XBE-DR16A	8-point DC24V input, 8-point relay output
Special module	XBF-AD04A/AD08A	4-channel, 8-channel analog input(Current/Voltage)
	XBF-AD04C	4-channel analog input(current/voltage, resolution : 1/16000)
	XBF-AH04A	2-channel analog input (current/voltage)/2-channel analog output (current/voltage)
	XBF-DV04A	4-channel analog output (voltage)
	XBF-DV04C	4-channel analog input(voltage, resolution : 1/16000)
	XBF-DC04A	4-channel analog output (current)
	XBF-DC04C	4-channel analog input(current, resolution : 1/16000)
	XBF-RD04A	4-channel RTD input
	XBF-TC04S	4-channel Thermocouple input
	XBF-PD2A	Line drive 2axis
	XBF-H002A/HD02A	2-channel High-speed counter input(Open collector/Line drive)
	Communication module	XBL-C41A
XBL-C21A		Cnet (RS-232C), 1Ch
XBL-EMTA		Fast Ethernet (100Mbps), 1Ch
XBL-EIMT		RAPiEnet, 2Ch
XBL-EIMF/EIMH		RAPiEnet I/F, Max 2km(Fiber 2Ch/Twisted pair 1Ch, Fiber 2Ch.), 100Mbps
XBL-EIPT		Ethernet/IP, 2Ch
Loader Cable	XBL-CMEA/CSEA	CANopen Master/Slave(1000Kbps, Num of PDO : 32/64)
	PMC-310S	Connection cable (PC to PLC), 9pin(PC)-6pin(PLC)
Memory module	USB-301A	Connection cable (PC to PLC), USB
Option modules	XBO-M1024A	External memory for program back-up (1024Kbyte)
	XBO-AD02A	Voltage/Current, Input 2Ch
	XBO-DA02A	Voltage/Current, Output 2Ch
	XBO-AH02A	Voltage/Current, Input 1Ch Voltage/Current, Output 1Ch
	XBO-TC02A	TC (Thermo couple), Input 2Ch
	XBO-M2MB	Memory
	XBO-RTCA	RTC (Real time clock), Battery
	XBO-DC04A	DC24V, Input 4 points
	XBO-TN04A	TR (Sink), Output 4 points
	XBO-RD01A	RTD (Resistance temperature detect), Input 1Ch
	XBO-RD01A	RTD (Resistance temperature detect), Input 1Ch

Terminal board	Connection cable	XBM-DN16S XBM-DN32S	XBE-DC32A	XBE-TN32A	XBE-TP32A	Cable length
TG7-1H40S (Terminalboard)	R40H/20HH-05S-XBM3	●	-	-	-	0.5m
	R40H/20HH-10S-XBM3	●	-	-	-	1.0m
	C40HH-05SB-XBI	-	●	●	●	0.5m
	C40HH-10SB-XBI	-	●	●	●	1.0m
TG7-1H40CA (TerminalBoard, Common)	C40HH-15SB-XBI	-	●	●	●	1.5m
	C40HH-20SB-XBI	-	●	●	●	2.0m
	C40HH-30SB-XBI	-	●	●	●	3.0m
	C40HH-05SB-XBI	-	-	●	-	0.5m
R32C-NS5A-40P (Relayboard: sink)	C40HH-10SB-XBI	-	-	●	-	1.0m
	C40HH-15SB-XBI	-	-	●	-	1.5m
	C40HH-20SB-XBI	-	-	●	-	2.0m
	C40HH-30SB-XBI	-	-	●	-	3.0m
R32C-PS5A-40P (Relayboard:Source)	C40HH-05PH-XBP	-	-	-	●	0.5m
	C40HH-15PH-XBP	-	-	-	●	1.5m
	C40HH-20PH-XBP	-	-	-	●	2.0m