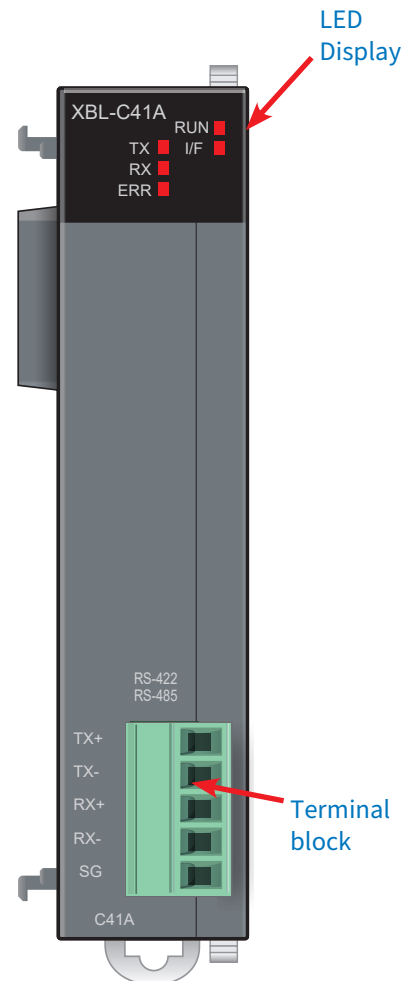# LS ELECTRIC

XGB Communication Modules

XBL-C41A Communication Module

XBL-C41A is an RS-485 expansion module that supports Modbus RTU Client/Server and XGT protocol.

LED Display

Part Number	Price	Classification	Description	Drawing
XBL-C41A	$127.00	Communication Module	LS Electric XGB communication module, Modbus RTU, Modbus ASCII and LS XGT protocol, 1 port, (1) RS-422/RS-485 (5-pin terminal) port(s). For use with LS Electric XGB series PLCs. (1) 5-pin serial communication terminal block included.	PDF

General Specifications		XBL-C41A
Serial Communication Method		RS-422 (485) 1 channel
Modem Connection Function		n/a
Operation Mode	P2P	Act as communication client: XGT dedicated protocol client Modbus ASCII/RTU client User defined communication LS Bus client
	Server	XGT dedicated protocol server Modbus ASCII/RTU server
Data Type	Data Bit	7 or 8
	Stop Bit	1 or 2
	Parity	Even/Odd/None
Synchronization Type		Asynchronous type
Transmission Speed (bps)		1200/2400/4800/9600/19200/38400/57600/115200 bps available
Station Number Setting	Range	0–255
	Max Available	32 stations
Transmission Distance		Max of 500m
Max Number of CPU		2
Diagnosis Function		Check available by XG5000 diagnosis service
Consumption Current		120mA
Weight		56g

Terminal block

Device LED Functionality

Faceplate View	LED	Status	Meaning
	RUN	On	Normal operating
		Off	Not operating
	I/F	Flicker	Interface with CPU
		Off	Not interfacing with CPU
	TX	Flicker	Transmitting frame
		Off	Not transmitting frame
	RX	Flicker	Receiving frame
		Off	Not receiving frame
	ERR	On	Frame error
		Off	Normal frame