

## XBL-C21A Communication Module

XBL-C21A is an RS-232 expansion module that supports Modbus RTU Client/Server and XGT protocol.

| Part Number     | Price    | Classification       | Description  | Drawing             |
|-----------------|----------|----------------------|--|---------------------|
| <b>XBL-C21A</b> | \$127.00 | Communication Module | LS Electric XGB communication module, Modbus RTU, Modbus ASCII and LS XGT protocol, 1 port, (1) RS-232 (DB9 female) port(s). For use with LS Electric XGB series PLCs. | <a href="#">PDF</a> |

| General Specifications             |                      | XBL-C21A   |
|------------------------------------|----------------------|--|
| <b>Serial Communication Method</b> |                      | RS-232C 1 channel  |
| <b>Modem Connection Function</b>   |                      | External modem connection available  |
| <b>Operation Mode</b>              | <b>P2P</b>           | Act as communication client:<br>XGT dedicated protocol client<br>Modbus ASCII/RTU client<br>User defined communication |
|                                    | <b>Server</b>        | XGT dedicated protocol server<br>Modbus ASCII/RTU server   |
| <b>Data Type</b>                   | <b>Data Bit</b>      | 7 or 8   |
|                                    | <b>Stop Bit</b>      | 1 or 2   |
|                                    | <b>Parity</b>        | Even/Odd/None  |
| <b>Synchronization Type</b>        |                      | Asynchronous type  |
| <b>Transmission Speed (bps)</b>    |                      | 1200/2400/4800/9600/19200/38400/57600/115200 bps available   |
| <b>Station Number Setting</b>      | <b>Range</b>         | 0-255  |
|                                    | <b>Max Available</b> | 32 stations  |
| <b>Transmission Distance</b>       |                      | Max of 15m<br>(Extension available if using modem)   |
| <b>Max Number of CPU</b>           |                      | 2  |
| <b>Diagnosis Function</b>          |                      | Check available by XG5000 diagnosis service  |
| <b>Consumption Current</b>         |                      | 120mA  |
| <b>Weight</b>                      |                      | 56g  |



### Device LED Functionality

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