

## XBL-C21A Communication Module

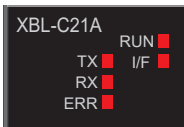
XBL-C21A is an RS-232 expansion module that supports Modbus RTU Client/Server and XGT protocol.

| Part Number              | Price    | Classification       | Description                                                                                                                                                            | Drawing             |
|--------------------------|----------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| <a href="#">XBL-C21A</a> | \$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                                                                                                               |
|-----------------------------|---------------|------------------------------------------------------------------------------------------------------------------------|
| Serial Communication Method |               | RS-232C 1 channel                                                                                                      |
| Modem Connection Function   |               | External modem connection available                                                                                    |
| Operation Mode              | P2P           | Act as communication client:<br>XGT dedicated protocol client<br>Modbus ASCII/RTU client<br>User defined communication |
|                             | Server        | XGT dedicated protocol server<br>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 15m<br>(Extension available if using modem)                                                                     |
| Max Number of CPU           |               | 2                                                                                                                      |
| Diagnosis Function          |               | Check available by XG5000 diagnosis service                                                                            |
| Consumption Current         |               | 120mA                                                                                                                  |
| Weight                      |               | 56g                                                                                                                    |



### 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             |