

Lynx Gateway

- Serial protocol support for Modbus (RTU and ASCII) Master/Slave
- Network protocol support for Modbus TCP (Server/Client)
- Supports Raw Serial to Ethernet conversion with Telnet RFC2217
- Serial Interface support for RS232, RS422 and RS485 network
- Serial Baud rate: 300 bps to 115.2 Kbps
- Ethernet interface support: 10/100Mbps with Auto Negotiation

- Configurable using Embedded Web server and Application software
- Network Protocols: ARP, TCP/IP, HTTP, BOOTP, TFTP, ICMP, TELNET, DHCP, AutoIP
- Isolation between Communication Ports & Input Power supply

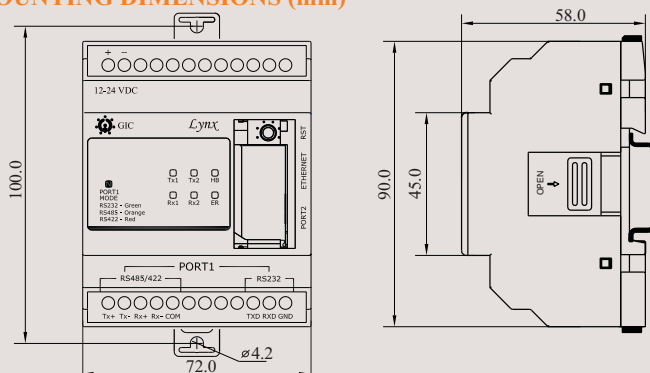


Cat. No.	25A11A0	25B11A0
Parameters		
Supply Voltage (±)	12 - 24 VDC	
Supply Variation	-10% to +25%	
Power Consumption (Max.)	2 W	
Protocol Conversion	Modbus RTU / ASCII to Modbus TCP	N.A
Operation Mode	Modbus RTU / ASCII (Master / Slave), Modbus TCP (Server / Client)	Raw, Telnet
Configuration Management	HTTP Web Server and Application software	
Number of Serial Ports	2	
Serial Interface	Port1: Screw terminals for RS232, RS422 and RS485 interface, Port2: RJ11 for RS232 Interface	
Signals	RS232 : RXD, TXD, GND RS422 : TX+, TX-, RX+, RX-, GND RS485 : TX+ (D+), TX- (D-), GND	
Serial Interface Selection	For Port1: Mode selection using RST switch with Mode LED indication Baud Rate : 300bps to 115.2Kbps	
Serial Communication Parameters	Data Bits : 7,8 Parity : Odd, Even, None Stop Bits : 1,2	
Serial Line Protection	8 - 15KV ESD for all signals , Opto Isolation 2 KV	
LAN Interface	RJ 45, Ethernet 10/100 Mbps	
LAN Isolation	1.5KVrms magnetic Isolation	
Network Protocol's Supported	Protocols for Communication : TCP/IP, Modbus Std Protocols used: ARP, HTTP, ICMP, DHCP, AutoIP, BOOTP, UPnP Protocols used internally: UDP, TFTP	Protocols for Communication : TCP/IP, Telnet(RFC2217) Std Protocols used: ARP, HTTP, ICMP, DHCP, AutoIP, BOOTP, UPnP Protocols used internally: UDP, TFTP
Configuration Software	To Configure Ports & Select Protocol Driver using Bootloader	N.A
Reset	Front Panel recessed , Loads Default Factory Settings & Serial Mode selection	
LED Indications	Serial TX and RX, LAN: LINK and Activity, Power ON, Error, Mode Selection Indication LED	
Operating Temperature	0°C to + 55°C	
Enclosure	Flame Retardant UL94-V0	
Dimension (W x H x D) (in mm)	72 X 90 X 58	
Weight (unpacked)	185 g	
Mounting	Base / DIN Rail	
Certification	 	
EMI / EMC		
Harmonic Current Emissions	IEC 61000-3-2	Ed. 3.0 (2005-11) Class A
ESD	IEC 61000-4-2	Ed. 1.2 (2001-04) Level II
Radiated Susceptibility	IEC 61000-4-3	Ed. 3.0 (2006-02) Level III
Electrical Fast Transients	IEC 61000-4-4	Ed. 2.0 (2004-07) Level IV
Surges	IEC 61000-4-5	Ed. 2.0 (2005-11) Level IV
Conducted Susceptibility	IEC 61000-4-6	Ed. 2.2 (2006-05) Level III
Voltage Dips & Interruptions (AC)	IEC 61000-4-11	Ed. 2.0 (2004-03) Level All 7 Levels
Conducted Emission	CISPR 14-1	Ed. 5.0 (2005-11) Class A
Radiated Emission	CISPR 14-1	Ed. 5.0 (2005-11) Class A

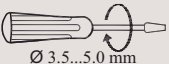
ORDERING INFORMATION

Cat. No.	Description
25A11A0	12 - 24 VDC, Protocol Converter, Modbus TCP - Modbus RTU/ASCII
25B11A0	12 - 24 VDC, Serial to Ethernet Converter

MOUNTING DIMENSIONS (mm)



TERMINAL TORQUE & CAPACITY

 Ø 3.5...5.0 mm	Torque - 1.1 N.m (10 Lb.in) Terminal screw - M3.5
	Solid Wire - 2 X 0.2...2.5 mm ²
AWG	1 X 24 to 10