

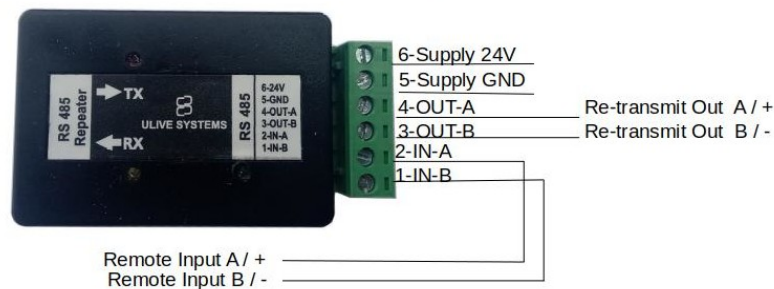
Specification

- * Supports **Auto-Direction Control**.
- * Supports all Baud Rates from 300 to 250 kBaud.
 - actual baud rate varies on the cable length
- * Supports up-to 256 receivers on the bus
 - also depends on the other devices connected in the RS485 network
- * Works with all type of industrial equipments
 - PC, PLC, SCADA, HMI, AC/DC Drives, Genset, UPS, Development Kits, etc.
- * **RS485** Rx and Tx light indications for easy visibility and troubleshooting
- * ESD protection for and RS485 pins at both ends
 - ± 15 -kV Human-Body Model (HBM)
 - ± 8 -kV IEC1000-4-2, Contact Discharge
 - ± 15 -kV IEC1000-4-2, Air-Gap Discharge
- * Very compact size 60mm x 40mm x 20mm
- * 1 Year Warranty against any manufacturing defects

Electrical characteristics

Power Input	9V~24V DC
Operating Temperature	0 ~ 85 °C
Working Current	200mA Max
RS485 Input in Receive input	$\pm 12V$ between A and B max
RS485 Input in Transmit output	A not pull up, B not pulled down
RS485 Input Termination	No internal Termination resistor between A and B built-in
RS485-Out in Receive input	$\pm 12V$ between A and B max
RS485-Out in Transmit output	A pulled up to +5V, B pulled down to 0V
RS485-Out Termination	120 Ω between A and B built-in

RS485 – RS485 Connection details



Ulive systems manufactures various products for industrial use like

- ✓ **USB-RS485, USB-RS232, USB-RS422, RS232-RS485, RS232-RS422**
- ✓ **ISO-USB-RS485, ISO-RS232-RS485**
- ✓ **ETH-RS485, ETH-RS422, ETH-RS232-D**
- ✓ **MODBUS IO modules – 48DI, 24DI24DO, 16DI, 8DI8DO, 0 – 20mA, 0 – 10V**
- ✓ **0 – 20mA / 0 – 10V simulator**
- ✓ **PLC, HMI, Relay modules**
- ✓ **Surge protection devices for RS485, 1ph 230V AC, 3Ph 440V AC etc.,**