Specification
* Isolated RS485 Signals up to 2.5KVrms
* Isolated RS485 Power up to 1KVrms.
* Supports **Auto-Direction Control**. No flow control signal required.
* 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 equipment
    – 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 both RS485 pins
    – ±15-kV Human-Body Model (HBM)
    – ±8-kV IEC1000-4-2, Contact Discharge
    – ±15-kV IEC1000-4-2, Air-Gap Discharge
* Compact design suitable for both DIN Rail and Wall mount
* Dimension in mm – 110 x 74 x 35
* 1 Year Warranty against any manufacturing defects

Electrical characteristics

Power Input	*9V~24V DC*
Operating Temperature	*0 ~ 85 °C*
Working Current	*200mA Max*
RS485-In in Receive input	*± 12V between A and B max*
RS485-In in Transmit output	*A weak pulled up to +5V, B weak pulled down to 0V*
RS485-In Termination	*No internal Termination resistor between A and B built-in*
RS485-Out in Receive input	*± 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*

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.,**