DELTA ELECTRONICS, INC.

Delta IFD Series
RS-485/RS-422 Communication modules

1. Support RS-485/RS-422 communication.
2. Correspond to industry equipment power and installation requirement.
3. Various installation ways and easy to install.
4. Handle and isolate signal well. Maintain data transmission correctly.
5. To decrease damage by using transmission wire (transient voltage suppress and shortage protection) and power protection (reverse voltage).

IFD8500 RS-232 to RS-485/RS-422 ISOLATED CONVERTER

INTRODUCTION:
The IFD8500 is a product which can convert RS-232 signals to RS-485/RS-422 differential voltage lines for data transmission. This product let you connect a RS-232 only device to another RS-485/RS-422 equipment without changing any hardware or software.

SPECIFICATIONS:
1. Power requirement: +9V ~ +35Vdc
2. Power consumption: 1.2W
3. Isolated voltage: 3000Vdc
4. Baud rate(bps): 1200,2400,4800,9600,19200,38400,57600,115200bps
5. RS-232 connector type: 9PIN D-SUB（Receptacle）
6. RS-485/RS-422 terminal type: 10PIN terminal. Accepts AWG1-#12 to #24 wires
7. Dimension（L x W x H）: 4.65in x 2.79in x 0.87in（118mm x 71mm x 22mm）

IFD8510 RS-485/RS-422ISOLATED REPEATER

INTRODUCTION:
The IFD8510 repeater amplifies RS-485/RS-422 signals over long distances. The Max. Communication distance can be up to 4000ft or 1.2km and the Max. Nodes is up to 32.

SPECIFICATIONS:
1. Power requirement: +9V ~ +35Vdc
2. Power consumption: 1.6W
3. Isolated voltage: 3000Vdc
4. Baud rate (bps): 1200,2400,4800,9600,19200,38400,57600,115200bps
5. RS-485/RS-422 connector type: 10PIN terminal. Accepts AWG1-#12 to #24wires
6. Dimension（L x W x H）: 4.80in x 2.79in x 0.87in（122mm x 71mm x 22mm）

IFD8520 ADDRESSABLE RS-485/RS-422 to RS-232 ISOLATED CONVERTER

INTRODUCTION:
Though RS-232 serial ports are the standard of most industrial computer systems, RS-232 has limited networking capabilities, transmission speed and communication distance due to unbalanced transmission.
IFD8520 let your each RS-232 device transmission balanced with appropriate address on RS-485/RS-422 network.

SPECIFICATIONS:
1. Power requirement: +9V ~ +35Vdc
2. Power consumption: 1.2W
3. Isolated voltage: 3000 Vdc
4. Baud rate (bps): 300,600,1200,2400,4800,9600,19200,38400,57600,115200bps
5. RS-232 connector type: 9PIN D-SUB (Receptacle)
6. RS-485/RS-422 connector type: 10PIN terminal. Accepts AWG1-#12 to #24wires
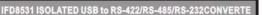7. Dimension（L x W x H）: 4.65in x 2.79in x 0.87in（118mm x 71mm x 22mm）

IFD8501 PORT POWER RS-232 to RS-422/RS-485 ISOLATED CONVERTER

INTRODUCTION:
The IFD8501 can be used as a portable RS-232 to RS-485/RS-422 converter, which is more convenient to use at outdoors and laboratory. The IFD8501 using RS-232 port signals as its own power source, so any extra power source is unnecessary

SPECIFICATIONS:
1. Isolated voltage: 1500Vdc
2. Baud rate(bps): 300 ~ 115.2kbps
3. RS-232 connector type: 9PIN D-SUB（Receptacle）
4. RS-485/RS-422 connector type: 10PIN terminal. Accepts AWG1-#12 to #24wires
5. Dimension（L x W x H）: 4.65in x 2.79in x 0.87in（118mm x 71mm x 22mm）

IFD8531 ISOLATED USB to RS-422/RS-485/RS-232CONVERTE

INTRODUCTION:
IFD8531 can convert USB signals into isolated RS-422, RS-485 or RS-232 signals, Compliant with USB V1.1, data rate can be up to 115.2Kbps, and the power is derived from USB port, no external power adapter is need. Every one can easily get one RS-232/RS-485/RS-422 port by simply plugging in a USB hub with this model.

SPECIFICATIONS:
1. Isolated voltage: 3000Vdc
2. Baud rate(bps): 75 ~ 115.2kbps
3. RS-232 connector type: USB B type
4. RS-485/RS-422 connector type: 10PIN terminal. Accepts AWG1-#12 to #24wires
5. Dimension（L x W x H）: 4.4in x 2.79in x 0.87in（112mm x 71mm x 22mm）

20030212IFD-OE

IFD(E)型錄反曲線.jpg (1378 x 1793 x 24)