

RS232 to RS485/RS422 Converter

RC23



- 2-Wire / 4-Wire Operation
- 115.2 kbps Data Rate
- Opto Isolation
- Built-In Power Supply

RS232 to RS485/RS422 Converter RC23 optically isolates and converts unbalanced, Full/Half-Duplex RS232 signals to optically isolated, balanced, Full/Half-Duplex RS422 or RS485 signal at baud rate up to 115.2 kbps. This unit also surge suppress the RS422/RS485 lines. Features send data control circuitry so no software control of handshake lines is required in RS485 Mode.

Specifications

Serial Interface

Serial Standards: RS232, RS485/RS422

Screw Terminals on Base Sockets

Loading: RS485/422 Max 32 Unit

Distance:

RS232 Length 15 m.

RS485/422 Length 1 Km.

Operating Mode:

RS485 (2-Wire, Half Duplex)

RS485 (4-Wire, Half Duplex)

RS422 (4-Wire, Full Duplex)

Data Rate: Up to 115.2 kbps

Isolation: Opto Isolation, 2000 VAC

Power Requirements

Power Supply: 110 VAC, 220 VAC

12 VDC, 24 VDC (Optional)

Environmental Limits

Operating Temperature: 0 to 55 °C

Operating Humidity: 5 to 95% RH

Storage Temperature: 0 to 70 °C

Physical Characteristics

Dimension: W50 x H70 x D130 mm.

Mounting: Wall or DIN Rail

Connection: Plug-in 11 pins socket

Warranty

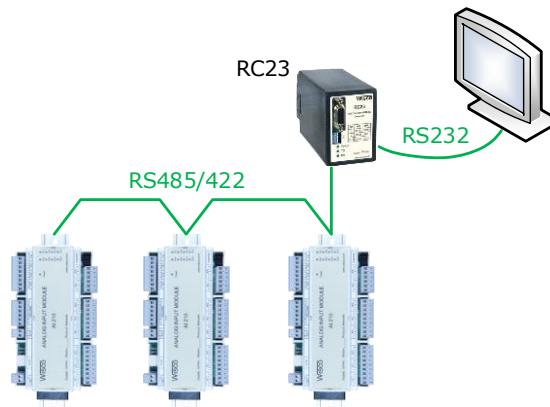
Warranty Period: 5 Year

Ordering Information: Specify Power Supply

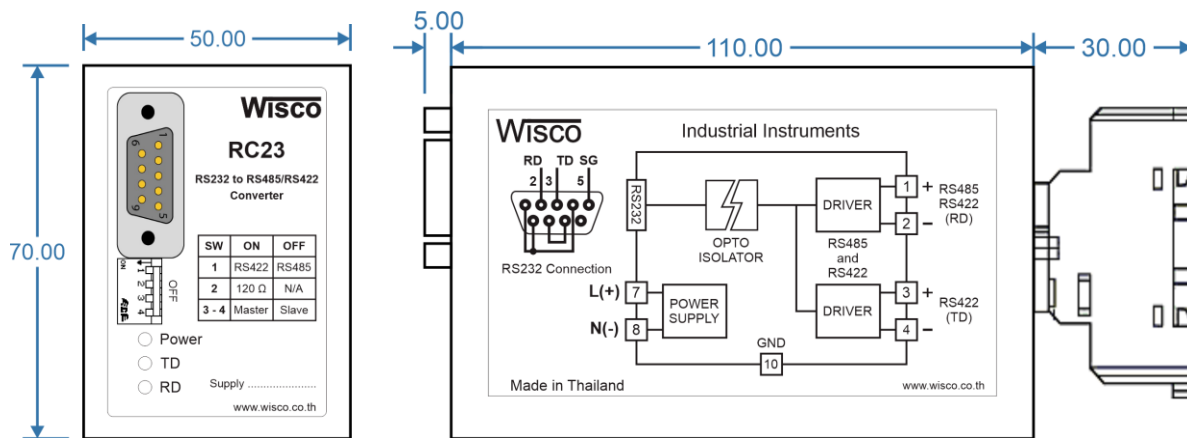
Example RC23/220VAC

Package Checklist

1. RC23
2. RS232 Cable



Dimension (Unit: mm.)



Wiring

