

RS-485/RS422 Repeater RP23



- Extend RS-485/RS-422 Distance
- 115.2 kbps Data Rate
- Galvanic Isolation

RS-485/RS-422 Repeater RP23 is designed as a robust repeater for industrial applications where galvanic isolation is important. It can be used to extend both the distance and number of nodes on RS-485 (2-Wire) and RS-422 (4-Wire) network. Galvanic Isolation helps eliminate noise and protects equipment from destructive transients found in industrial application.

Specifications

Serial Interface

Serial Standards: RS485/422 (Isolated)

Distance: RS-485/RS-422 up to 1.2 km on each side

Data Rate: Up to 115.2 kbps

Operating Mode:

RS-485 (2-Wire Half-Duplex)

RS-422 (4-Wire Full-Duplex)

Isolation: Between Input, Output and Power Supply

Power Requirements

Power Supply: 110 VAC, 220 VAC

Ordering Information: Specify Power Supply

Example RP23/220VAC

Package Checklist

1. RP23

Dimension (Unit: mm.)

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

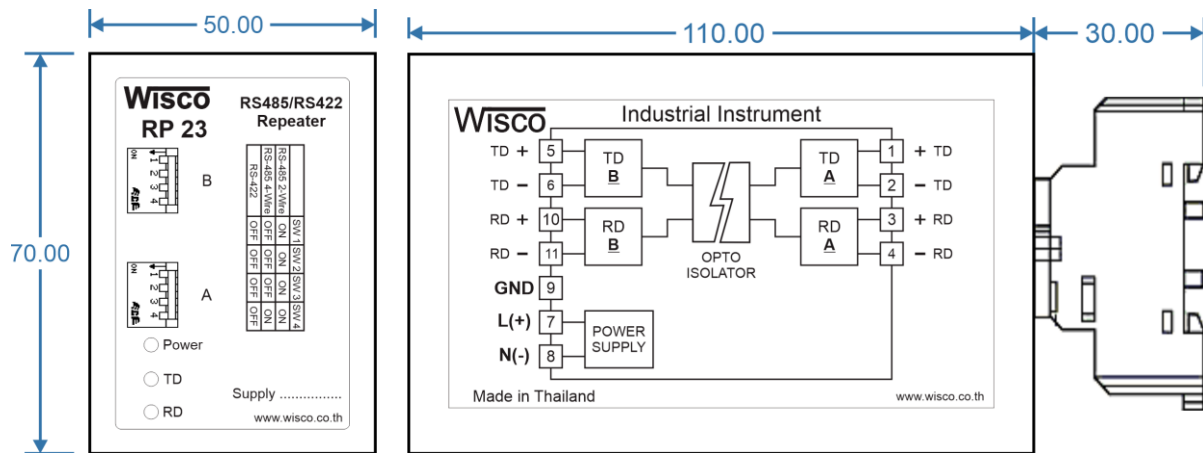
Dimension: W50 x H70 x D130 mm.

Mounting: Wall or DIN Rail

Connection: Plug-In 11 pins Socket

Warranty

Warranty Period: 5 Year



Wiring

