



- Provides Galvanic isolation for RS-232 serial communication.
- Supports baud rates from Upto 128.0 kbps for reliable serial data transmission.
- Operates with external power supply of 9V-36V.
- Designed for industrial environments with operating temperature 0°C to 60°C

Introduction

Isolator 232 is primarily intended to provide isolation between expensive computer or system from the serial device, so that they are protected against any inadvertent damage due to electrical disturbances.

Specifications

Serial

Power Isolation	Yes Galvanic
Baud Rate	Upto 128.0 kbps
Transmission Mode	Bi-Directional Half Duplex
Parity	ANY
Data Bits	ANY
Stop Bits	ANY
Reverse Voltage/ESD Protection	Yes
Serial Signals	RS-232 (TxD, RxD, GND)

Connectivity

RS232	2
Serial Connector Type	2- DB9

Power

Power input (VDC)	9 - 36V
Short Circuit Protection	Yes
Power Connector	Terminal Block
Power Consumption	0.24W

Physical Characteristics

Dimensions (L x W x H)	Without Ear: 65 x 30 x 77 mm With Ear: 87 x 30 x 77 mm
Weight	188g
Mounting	Wall

Environment

Operating Temperature	0 - 60 °C
Operating Humidity	20 - 95 %
Input Reverse Protection	Yes

Order Information

Part No.	Description
AT-5IB	RS-232 Serial Port Isolator