



MODEL232I/9

Passive Pocket RS-232 Protector with Optical Isolation

- Support transparent data transmission of 1 RS-232 serial port and provide 2.5kV optical isolation protection
- Unique port-power technology that needs no external power supply, and low power consumption make it true passive
- Automatic serial port signal rate detection, support serial port baud rate 300bps~921600bps
- Support 600W surge protection and 15kV electrostatic protection
- Plug and play, compact size, easy installation
- Support 0~70°C wide operating temperature range



ICP Alphatec
Tel: +44 (0) 203 086 9569

www.icpalphatec.com
Email: sales@icpalphatec.com

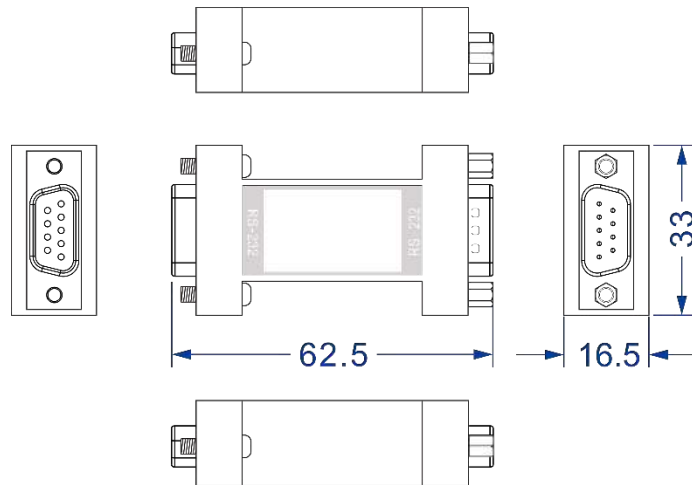
Introduction

MODEL 232I/9 is a cost effective passive pocket RS-232 serial port isolation protector which can implement 2500VAC photoelectric isolation between RS-232 serial ports. This product provides 1 RS-232 serial port DB9M and 1 RS-232 serial port DB9F. It's also equipped with 600W surge protection and 15kV electrostatic protection, which can meet the requirements of different scenes.

This product has compact size and convenient installation. It can prevent the RS-232 port from being damaged by induced voltage after multiple insertions. MODEL 232I/9 adopts unique port-power technology that it can obtain power from TXD, RTS and DTR signals of RS-232 port. It can operate normally even when only TXD signal supplies power. It can truly achieve passive effect with its extremely low power consumption. This product has industry-leading isolation technology which could provide device with AC2500V isolation ability and not affect the normal operation of the device.

Dimension

Unit: mm



Specification

Serial Port	Standard: EIA RS-232C Serial port quantity: 1 RS-232 DB9M serial port, 1 RS-232 DB9F serial port Baud rate: 300~921600bps RS-232 signal: RXD, TXD, GND, Transmission distance: RS-232 serial port, 15m
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	Interface protection: 600W surge protection, 15kV electrostatic protection Photoelectric isolation: 2500V
Power Requirement	No power supply; Device obtains power from TXD, RTS, DTR signals of RS-232 serial port
Power Consumption	Static power consumption: ≤10mA Dynamic power consumption (mean): ≤45mA
Environmental Limit	Operating temperature: 0~70℃ Relative humidity: 5% ~ 95%(no condensation)
Physical Characteristic	Housing: plastic Dimension (W x H x D): 62.5mm×33mm×16.5mm Weight: 30g
Certification	CE, FCC, RoHS
Warranty	3 years



Ordering Information

Part No	Article No/SKU	Description
MODEL232I/9	AT-MODEL232I/9	RS-232 isolator, 5KV isolation

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Email: sales@icpalphatec.com



Address: 3/B, Zone 1, Baiwangxin High Technology Industrial Park, Song Bai Road, Nanshan District, Shenzhen, 518108, China

TEL.: +86-755-26702668 ext 835 FAX: +86-755-26703485

E-mail: ics@3onedata.com

Website: www.3onedata.com

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