

# OPT1-DB9

## DB9 to Terminal Connector for EKI Device Server



### Features

- Converting DB9 to terminal connector for easy-wiring
- Built-in terminal resistors for RS-422/485 bus tuning
- For EKI-1521/EKI-1522/EKI-1524/EKI-1221/EKI-1222/EKI-1224/EKI-1221D/EKI-1222D/EKI-1351/EKI-1352/EKI-1361/EKI-1362/EKI-1321/EKI-1322

### Introduction

EKI series device server use DB9 as default connector format to fulfill the software selectable RS-232/422/485 ability. When configure the serial port as RS-422 or RS-485, the DB9 format make the wiring more complex. OPT1-DB9 can help user to convert the DB9 format to terminal connector. User can easily using exists cable to build up the RS-422 or RS-485 serial bus.

### Specifications

#### Serial Interface

- **Format** D-Sub9

#### Terminal Interface

- **Format** 5-Pin Terminal Connector
- **Serial Signals** RS-422: TxD+, TxD-, RxD+, RxD-, GND  
RS-485: Data+, Data-, GND
- **Terminal Resistor** 120Ω

#### Mechanics

- **Dimensions (W x H x D)** 36 x 15.7 x 41.15 mm (1.42" x 0.62" x 1.62")
- **Enclosure** ABS+PC

#### Environment

- **Operating Temperature** -40 ~ 70°C (-40 ~ 158°F)
- **Storage Temperature** -20 ~ 80°C (-4 ~ 176°F)
- **Operating Humidity** 5 ~ 95% RH

### Dimensions

Unit: [mm]

