

OPT8K

8 port RS-422/485 connection box with female DB25 connectors

Features

- Supports 4 and 2 wire RS-485 with ADDC™
- Independent port configuration
- TxD, RxD monitoring LEDs for each port
- Transmission Capability: 50 bps – 230.4 Kbps



Introduction

Moxa Opt8K is an 8-port RS-422/485 connection box with female DB25 connectors. It is used in conjunction with Moxa's 8-port multiport serial boards from the Moxa C218 series and C168 series to connect external serial devices to a PC running Windows or Linux.

Ordering Information

This package includes:

- Opt8K connection box
- 1.5 meter (4.92 feet) DB62 to DB62 cable
- 110V or 220V power adapter
- Opt8K Hardware Installation Guide

Specifications

Communications

Number of Ports: 8

Connector Type

Female DB25

LEDs

TxD, RxD (for each port)

Speed

50 bps – 230.4 Kbps

Serial Interface

2-wire RS-485, 4-wire RS-485,
4-wire RS-422

Switch/Signal support

RS-422

TxDB+(3)/TxDA-(16), RxDB+(2)/RxDA-(14), SGND(7)

RS-485 (4-wire)

TxDB+(3)/TxDA-(16),
RxDB+(2) /RxDA-(14), SGND(7)

RS-485 (2-wire)

DataB+(2), DataA-(14), SGND(7)

RS-485 Data Control

ADDCTM (compatible with RTS control)

Environmental

Operating Temperature

0°C to 55°C

Storage Temperature

-20°C to 85°C

Humidity

5 to 95%RH

Power

Power Consumption

300 mA (max.) at 12 VDC

Power Adapter

9 – 30 VDC, 300 mA (max.) at
12 VDC

Dimensions(WxDxH)

247 × 108 × 35 mm

Regulatory Approvals

CE, FCC