

Connection Boxes

8-port RS-232 connection boxes

Features and Benefits

- Connection boxes with 8 RS-232 serial ports

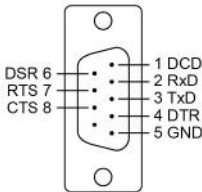


Introduction

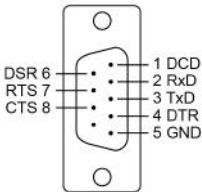
Moxa's 8-port RS-232 connection boxes provide 8 common connection ports, including DB9, 8-pin RJ45, and DB25, for connecting your serial devices to a serial board.

Pin Assignments

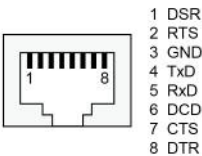
OPT8-M9



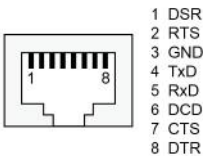
OPT8-M9+



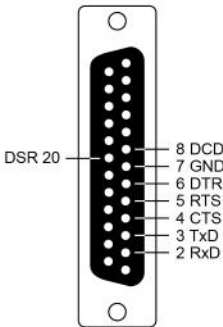
OPT8-RJ45



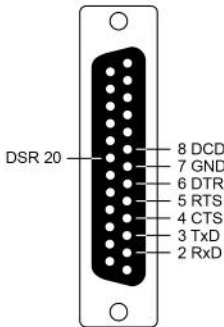
OPT8-RJ45+



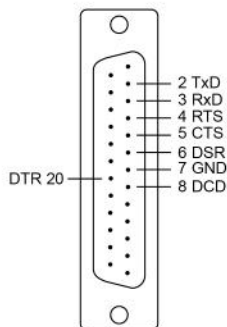
OPT8A/S



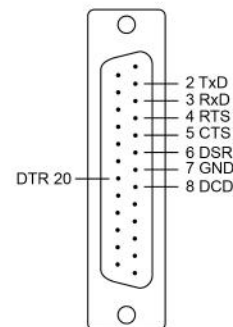
OPT8A/S+



OPT8B



OPT8B+



Specifications

Connector

Board-side Connector	OPT8-M9/RJ45, OPT 8A/S/B: DB62 (male) x 1 OPT8-M9+/RJ45+, OPT 8A+/S+/B+: VHDCI 68 x 1
Device-side Connector	OPT8-M9/M9+: DB9 (male) x 8 OPT8-RJ45/RJ45+: 8-pin RJ45 x 8 OPT 8A/A+: DB25 (female) x 8 OPT 8S/S+: DB25 (female) x 8 OPT 8B/B+: DB25 (male) x 8
Connection Cable	OPT8-M9: DB62 (male) to DB62 (female) 1.5 m connection cable for connecting to the serial board OPT8-M9+: VHDCI 68 to DB62 (female) 1.5 m connection cable for connecting to the serial board OPT 8A: DB62 (male) to DB62 (male) 1.5 m connection cable for connecting to the serial board OPT 8A+: VHDCI 68 to DB62 (male) 1.5 m connection cable for connecting to the serial board OPT 8S: DB62 (male) to DB62 (male) 1.5 m connection cable for connecting to the serial board OPT 8S+: VHDCI 68 to DB62 (male) 1.5 m connection cable for connecting to the serial board OPT 8B: DB62 (male) to DB62 (male) 1.5 m connection cable for connecting to the serial board OPT 8B+: VHDCI 68 to DB62 (male) 1.5 m connection cable for connecting to the serial board

LED Interface

LED Indicators	OPT8-M9, OPT 8A/S/B: TxD, RxD indicators for each device-side port OPT8-M9+, OPT 8A+/S+/B+: TxD, RxD indicators for each device-side port
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Serial Interface

Baudrate	OPT 8A/S/B/A+/S+/B+: 50 bps to 921.6 kbps
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Physical Characteristics

Dimensions	OPT8-M9/M9+: 90 x 111 x 27.5 mm (3.54 x 4.37 x 1.08 in) OPT8-RJ45/RJ45+: 152.8 x 32.8 x 32 mm (6.02 x 1.29 x 1.26 in) OPT 8A/B/S/A+/B+/S+: 247 x 108 x 35 mm (9.72 x 4.25 x 1.38 in)
Surge Protection	OPT 8S: 25 kV ESD, 2 kV EFT surge protection

Warranty

Warranty Period	1 year
Details	See www.moxa.com/warranty

Package Contents

Device	1 x connection box
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Ordering Information

Model Name	Board-side Connector	Device-side Connector	Dimensions	Connection Cable
OPT8-M9	DB62 (male) x 1	DB9 (male) x 8	90 x 111 x 27.5 mm	DB62 (male) to DB62 (female), 1.5 m
OPT8-M9+	VHDCI 68 x 1	DB9 (male) x 8	90 x 111 x 27.5 mm	VHDCI 68 to DB62 (female), 1.5 m
OPT8-RJ45	DB62 (male) x 1	8-pin RJ45 x 8	152.8 x 32.8 x 32 mm	–
OPT8-RJ45+	VHDCI 68 x 1	8-pin RJ45 x 8	152.8 x 32.8 x 32 mm	–
OPT 8A	DB62 (male) x 1	DB25 (female) x 8	247 x 108 x 35 mm	DB62 (male) to DB62 (male), 1.5 m
OPT 8A+	VHDCI 68 x 1	DB25 (female) x 8	247 x 108 x 35 mm	VHDCI 68 to DB62 (male), 1.5 m
OPT 8S	DB62 (male) x 1	DB25 (female) x 8	247 x 108 x 35 mm	DB62 (male) to DB62 (male), 1.5 m
OPT 8S+	VHDCI 68 x 1	DB25 (female) x 8	247 x 108 x 35 mm	VHDCI 68 to DB62 (male), 1.5 m
OPT 8B	DB62 (male) x 1	DB25 (male) x 8	247 x 108 x 35 mm	DB62 (male) to DB62 (male), 1.5 m
OPT 8B+	VHDCI 68 x 1	DB25 (male) x 8	247 x 108 x 35 mm	VHDCI 68 to DB62 (male), 1.5 m

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