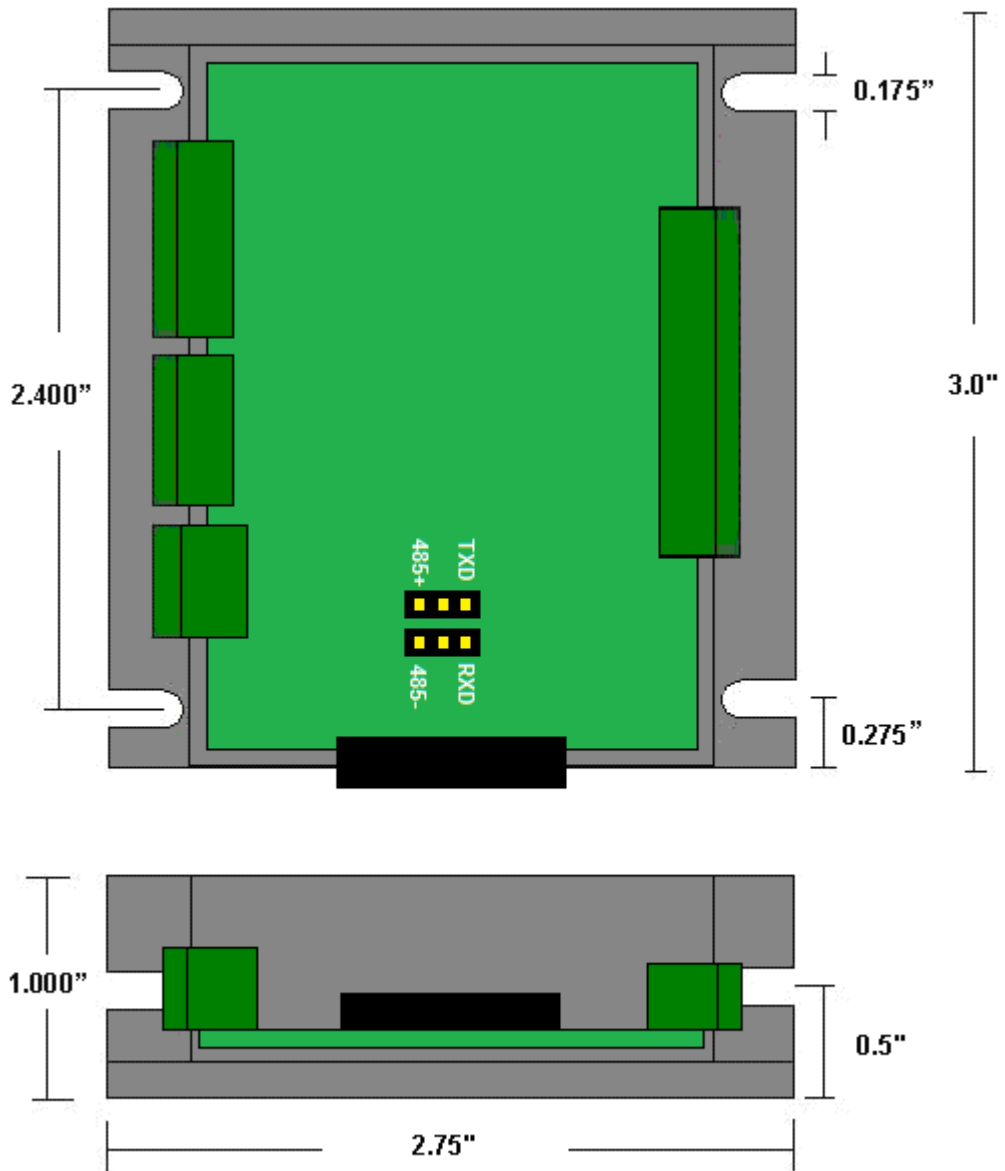


JBD-K-SA

Junction Board for DMX-K-SA-17/23



1. Dimensions



2. Connectors

2-Pin Connector (5.08mm)

Pin #	In/Out	Name	Description
1	I	GND	Ground
2	I	PWR	Power Input +12 to +24 VDC

Table 2.0

Mating Connector Description: 2 pin 0.2" (5.08mm) connector
 Mating Connector Manufacturer: On-Shore
 Mating Connector Manufacturer Part: †EDZ950/2

† Other 5.08mm compatible connectors can be used.

3-Pin Connector (3.81mm)

Pin #	In/Out	Name	Description
1	I	GND	Ground
2	I/O	485-/RXD	RS-485 minus signal or RS-232 RXD signal
3	I/O	485+/TXD	RS-485 plus signal or RS-232 TXD signal

Table 2.1

Mating Connector Description: 3 pin 0.15" (3.81mm) connector
 Mating Connector Manufacturer: On-Shore
 Mating Connector Manufacturer Part: †EDZ1550/3

† Other 3.81mm compatible connectors can be used.

4-Pin Connector (3.81mm)

Pin #	In/Out	Name	Description
1	O	GND	Ground
2	O	DO1	Digital output 1
3	O	DO2	Digital output 2
4	O	DO3	Digital output 3

Table 2.2

Mating Connector Description: 4 pin 0.15" (3.81mm) connector
 Mating Connector Manufacturer: On-Shore
 Mating Connector Manufacturer Part: †EDZ1550/4

† Other 3.81mm compatible connectors can be used.

10-Pin Connector (3.81mm)

Pin #	In/Out	Name	Description
1	I	DI6	Digital input 6
2	I	DI5	Digital input 5
3	I	DI4	Digital input 4
4	I	DI3	Digital input 3
5	I	DI2	Digital input 2
6	I	DI1	Digital input 1
7	I	H	Home input
8	I	-LIM	Negative limit input
9	I	+LIM	Positive limit input
10	O	PWR	+24V output

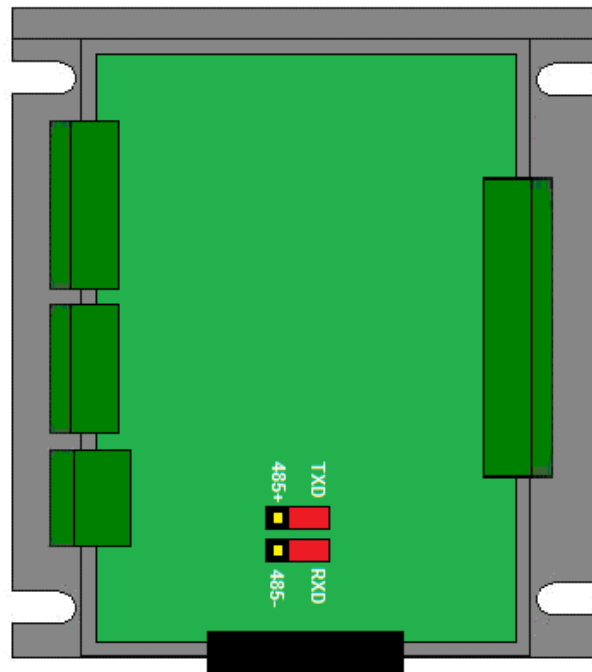
Table 2.3

Mating Connector Description: 10 pin 0.15" (3.81mm) connector
 Mating Connector Manufacturer: On-Shore
 Mating Connector Manufacturer Part: †EDZ1550/10

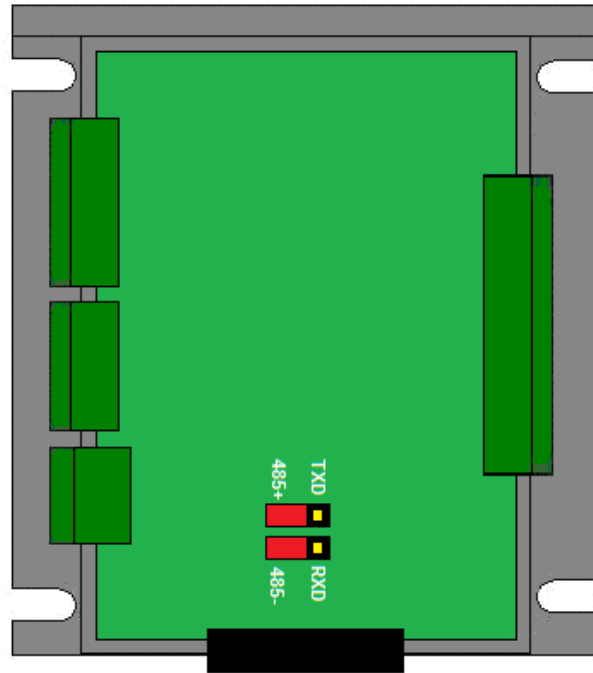
† Other 3.81mm compatible connectors can be used.

RS-232/RS-485 Selector

To communicate over RS-232, place 2-pin 0.1" jumper over the RXD and TXD side. See the picture below for details.



To communicate over RS-485, place 2-pin 0.1" jumper over 485- and 485+ side. See the picture below for details.



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The information in this document is believed to be accurate at the time of publication but is subject to change without notice.