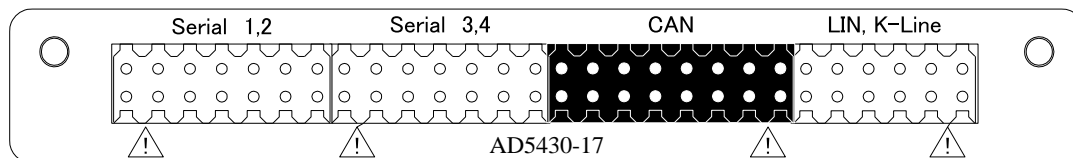
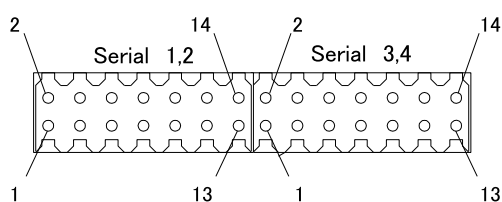


Pin Configuration



Serial communication

Board side pin number

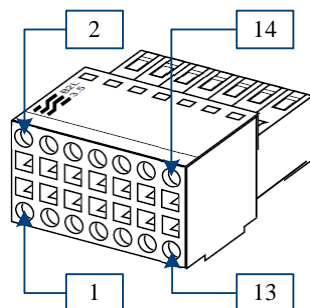


Compatible connector block

SERIAL 1, 2 and SERIAL3, 4 should be the same type.

Product name: B2L 3.5/14 (manufactured by WeidMuller)

Model No.: 172760



Serial 1,2

Pin No.	Signal name	RS232	RS422/RS485 HALF	RS422/RS485 FULL
1	SR_EXT1_Ch1	RS232 TX Ch1	RS422/RS485 TRX- Ch1	RS422/RS485 RX- Ch1
2	SR_EXT2_Ch1	RS232 RX Ch1	RS422/RS485 TRX+ Ch1	RS422/RS485 RX+ Ch1
3	SR_EXT3_Ch1	—	—	RS422/RS485 TX- Ch1
4	SR_EXT4_Ch1	—	—	RS422/RS485 TX+ Ch1
5	SR_TX_TTL_Ch1	TTL Output Ch1	TTL Output Ch1	TTL Output Ch1
6	SR_RX_TTL_Ch1	TTL Input Ch1	TTL Input Ch1	TTL Input Ch1
7	GND	GND Ch1	GND Ch1	GND Ch1
8	GND	GND Ch2	GND Ch2	GND Ch2
9	SR_EXT1_Ch2	RS232 TX Ch2	RS422/RS485 TRX- Ch2	RS422/RS485 RX- Ch2
10	SR_EXT2_Ch2	RS232 RX Ch2	RS422/RS485 TRX+ Ch2	RS422/RS485 RX+ Ch2
11	SR_EXT3_Ch2	—	—	RS422/RS485 TX- Ch2
12	SR_EXT4_Ch2	—	—	RS422/RS485 TX+ Ch2
13	SR_TX_TTL_Ch2	TTL Output Ch2	TTL Output Ch2	TTL Output Ch2
14	SR_RX_TTL_Ch2	TTL Input Ch2	TTL Input Ch2	TTL Input Ch2

Serial 3,4

Pin No.	Signal name	RS232	RS422 HALF	RS422 FULL
1	SR_EXT1_Ch3	RS232 TX Ch3	RS422/RS485 TRX- Ch3	RS422/RS485 RX- Ch3
2	SR_EXT2_Ch3	RS232 RX Ch3	RS422/RS485 TRX+ Ch3	RS422/RS485 RX+ Ch3
3	SR_EXT3_Ch3	—	—	RS422/RS485 TX- Ch3
4	SR_EXT4_Ch3	—	—	RS422/RS485 TX+ Ch3
5	SR_TX_TTL_Ch3	TTL Output Ch3	TTL Output Ch3	TTL Output Ch3
6	SR_RX_TTL_Ch3	TTL Input Ch3	TTL Input Ch3	TTL Input Ch3
7	GND	GND Ch3	GND Ch3	GND Ch3
8	GND	GND Ch4	GND Ch4	GND Ch4
9	SR_EXT1_Ch4	RS232 TX Ch4	RS422/RS485 TRX- Ch4	RS422/RS485 RX- Ch4
10	SR_EXT2_Ch4	RS232 RX Ch4	RS422/RS485 TRX+ Ch4	RS422/RS485 RX+ Ch4
11	SR_EXT3_Ch4	—	—	RS422/RS485 TX- Ch4
12	SR_EXT4_Ch4	—	—	RS422/RS485 TX+ Ch4
13	SR_TX_TTL_Ch4	TTL Output Ch4	TTL Output Ch4	TTL Output Ch4
14	SR_RX_TTL_Ch4	TTL Input Ch4	TTL Input Ch4	TTL Input Ch4

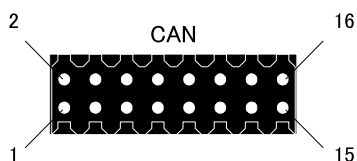


Note

- ✓ Data may not be able to be transmitted properly at high speed depending on environmental factors such as the external device, cable length, and noise.

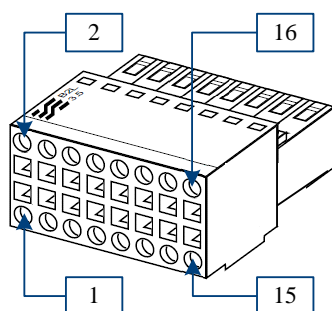
CAN communication

Board side pin number



Compatible connector block

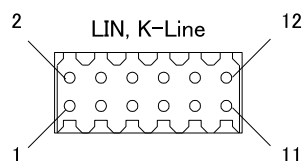
Product name: B2L 3.5/16 (manufactured by WeidMuller)
 Model No.: 172769



Pin No.	Signal name	HighSpeed / LowSpeed	SingleWire
1	CANH_Ch1	CANH Ch1	CAN Ch1
2	CANL_Ch1	CANL Ch1	—
3	GND	GND	GND
4	GND	GND	GND
5	CANH_Ch2	CANH Ch2	CAN Ch2
6	CANL_Ch2	CANL Ch2	—
7	CANH_Ch3	CANH Ch3	CAN Ch3
8	CANL_Ch3	CANL Ch3	—
9	GND	GND	GND
10	GND	GND	GND
11	CANH_Ch4	CANH Ch4	CAN Ch4
12	CANL_Ch4	CANL Ch4	—
13	CANH_CCP	CANH_CCP	—
14	CANL_CCP	CANL_CCP	—
15	GND	GND	—
16	GND	GND	—

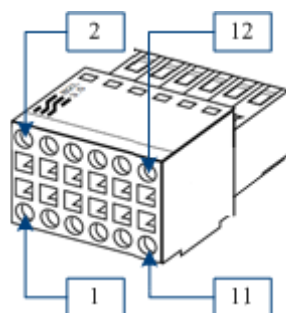
LIN / K-LINE communication

Board side pin number



Compatible connector block

Product name: B2L 3.5/12 (manufactured by WeidMuller)
 Model No.: 172759



< LIN and K-LINE >

Pin No.	Signal name	Function	Pin No.	Signal name	Function
1	LIN_Ch1	LIN TX & RX Ch1	7	LIN_Ch4	LIN TX & RX Ch4
2	GND_Ch1	LIN GND Ch1	8	GND_Ch4	LIN GND Ch4
3	LIN_Ch2	LIN TX & RX Ch2	9	KLINE_D	K-LINE_D TX & RX
4	GND_Ch2	LIN GND Ch2	10	KLINE_GND	K-LINE GND
5	LIN_Ch3	LIN TX & RX Ch3	11	KLINE_VB	K-LINE VB
6	GND_Ch3	LIN GND Ch3	12	KLINE_GND	K-LINE GND