



Communication Manual Fusion4

external device, using one of the serial ports of terminal connector CN-146.

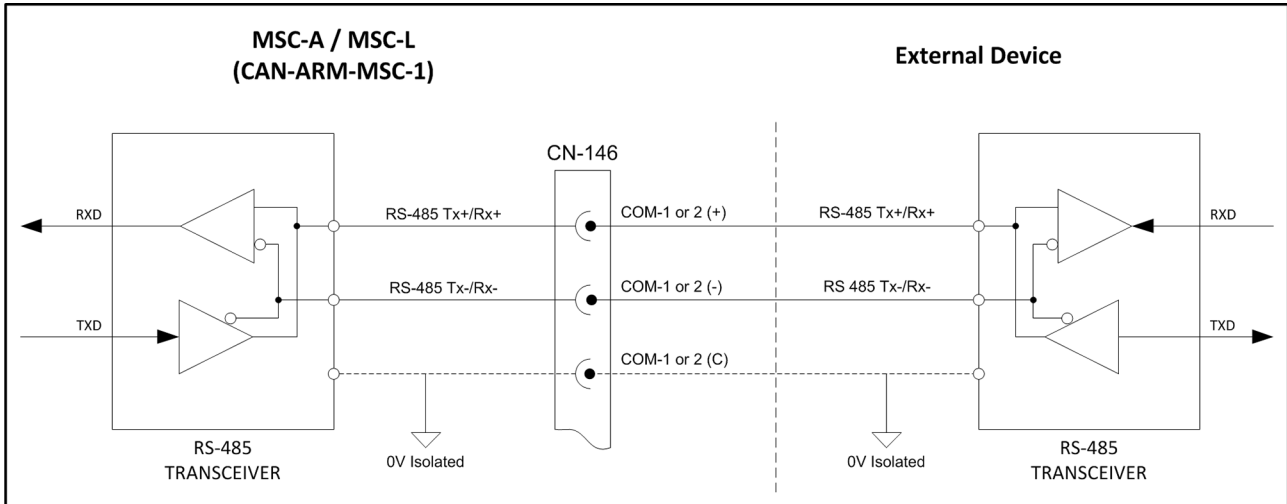


FIGURE 11-1 2-wire half-duplex RS-485 connection between Fusion4 MSC-A / Fusion4 MSC-L and external device (CAN-ARM-MSC-1 board)

TABLE 11-1 describes the layout of terminal connector CN-146.

TABLE 11-1 Layout of terminal connector CN-146

Connector		Signal Name	Signal Description
ID	Pin		
CN-146	COM-1 (+)	RS485_A	2W RS-485 Tx+/Rx+
	COM-1 (-)	RS485_B	2W RS-485 Tx-/Rx-
	COM-1 (C)	RS485_0V	0 Volt
	COM-2 (+)	RS485_A	2W RS-485 Tx+/Rx+
	COM-2 (-)	RS485_B	2W RS-485 Tx-/Rx-
	COM-2 (C)	RS485_0V	0 Volt

11.1.2 CAN-ARM-MSC-2 Board

The CAN-ARM-MSC-2 board features one terminal connector CN-246 consisting of two serial ports, namely COM-6 and COM-7. Both serial ports can be used to establish a 2-wire half-duplex RS-485 connection between the Fusion4 MSC-A / Fusion4 MSC-L and an external device. The serial ports are typically used to connect the Fusion4 MSC-A and the Fusion4 MSC-L to one another or to connect the Fusion4 MSC-A to a 1010 C-series load computer.