

RTA Standard Gateway [CB34] Hardware Jumper Configuration



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Revision 1.04*

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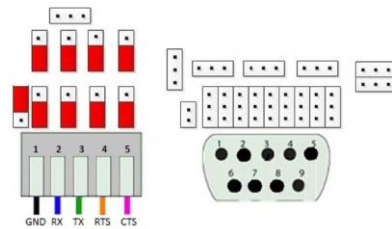
Wiring and Jumper Configuration Instructions

To change port settings on the gateway, use the following steps:

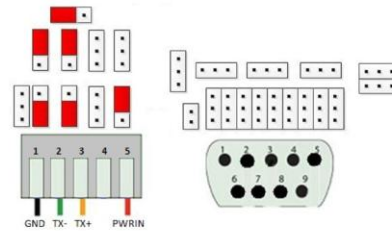
- 1) No cables should be connected to the gateway. If this unit has been in use and you are making a change, disconnect the power cable and any communications cables from the gateway.
- 2) Remove the two small Phillips-head screws from each long side of the gateway (four total). Two of these may be hidden beneath a labeling sticker. This may be removed and replaced.
- 3) Remove the grey T-Strip connector. Slide the cover off towards the ports. The jumpers are just behind the ports.
- 4) Move the jumper shunts to reflect the desired settings.
 - a) In most cases, setup the Port 0 settings & Port 1 settings separately.
- 5) Replace the gateway's cover. Replace the four screws. Replace gray T-Strip connector.

Port 0 (Tstrip) Jumper Configurations

Port 0 (Tstrip) - RS232 Configuration

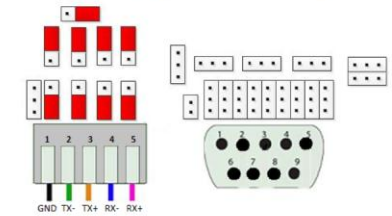


Port 0 (Tstrip) - RS485 Configuration



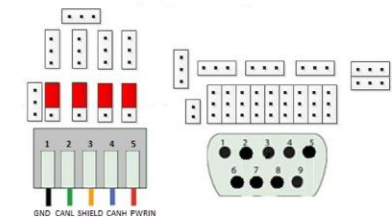
* If Configuring Both Ports for 485/422, Use Alternate Setup.
See 'Port 0 & Port 1 RS485 Configuration' Section.

Port 0 (Tstrip) - RS422 Configuration



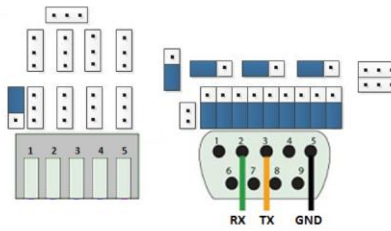
* If Configuring Both Ports for 485/422, Use Alternate Setup.
See 'Port 0 & Port 1 RS485 Configuration' Section.

Port 0 (Tstrip) - CAN Configuration

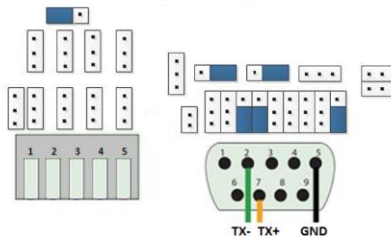


Port 1 (DB9) Jumper Configurations

Port 1 (DB9) - RS232 Configuration

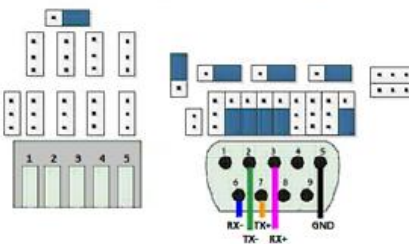


Port 1 (DB9) - RS485 Configuration



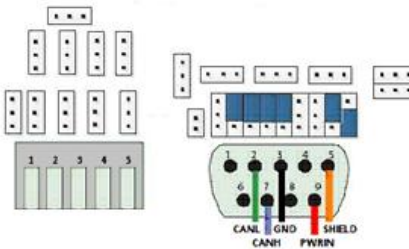
* If Configuring Both Ports for 485/422, Use Alternate Setup.
See 'Port 0 & Port 1 RS485 Configuration' Section.

Port 1 (DB9) - RS422 Configuration



* If Configuring Both Ports for 485/422, Use Alternate Setup.
See 'Port 0 & Port 1 RS485 Configuration' Section.

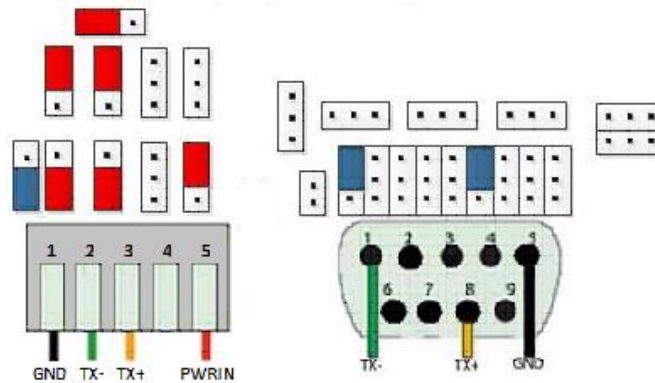
Port 1 (DB9) - CAN Configuration



Port 0 & Port 1 RS485 Jumper Configuration

If you are only configuring one port for RS485/RS422, see the section related to that specific port.

Port 0 (Tstrip) & Port 1 (DB9) - RS485 Configuration

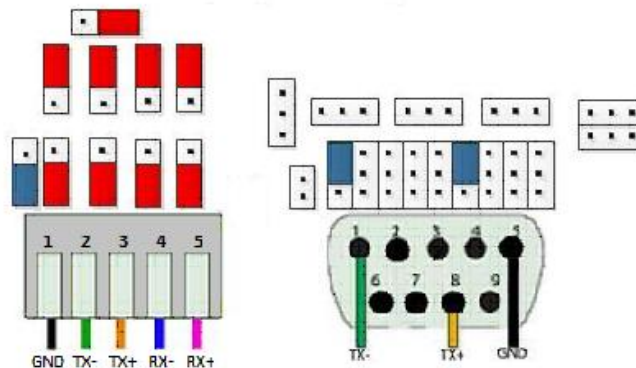


* If configuring only one port for RS485 use that port's setup
See either Port 0 or Port 1 - RS485 Configuration Section

Port 0 RS422 & Port 1 RS485 Jumper Configuration

If you are only configuring one port for RS485/RS422, see the section related to that specific port.

Port 0 (Tstrip) - RS422 & Port 1 (DB9) - RS485 Configuration

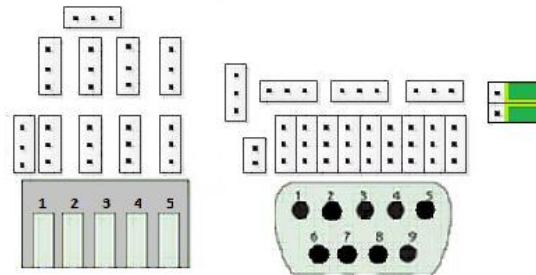


* If configuring only one port for 485/422 use that port's setup

Biasing & Termination Jumper Configuration

Biasing & Termination on this unit may NOT be separated. The two Jumpers that are placed are specifically for Half Duplex & Full Duplex. These do not interfere with each other, so it is best to simply place both jumpers.

Termination & Biasing - RS485 Configuration



Termination & Biasing - RS422 Configuration

