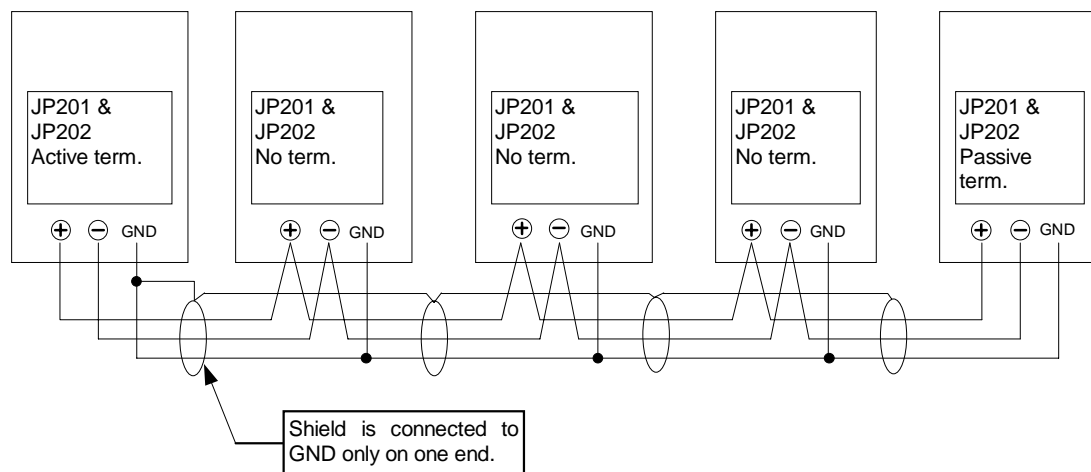


## 2. RS-485 Bus Connection

1. If more boards are connected to the bus, only the boards on the ends of the bus should have a termination and only one board may have active termination. The boards connected to the bus at intermediate locations must not have any termination jumpers installed. After installation, check the polarity of the RS-485 bus wires.
2. Pin headers JP201 and JP202 must have identical setting:
  - For Passive termination, the shunt should be installed across pins 1 and 2.
  - For Active termination, the shunt should be installed across pins 2 and 3.
  - No termination is accomplished by removing the jumper.



RS-485 bus connection

3. The cable used for RS-485 wiring should be of shielded 2-pair twisted pair type, 24 AWG. One pair is used for the signal and the other pair shorted together is the ground wire. The shield should be connected to ground only on one end of the cable.