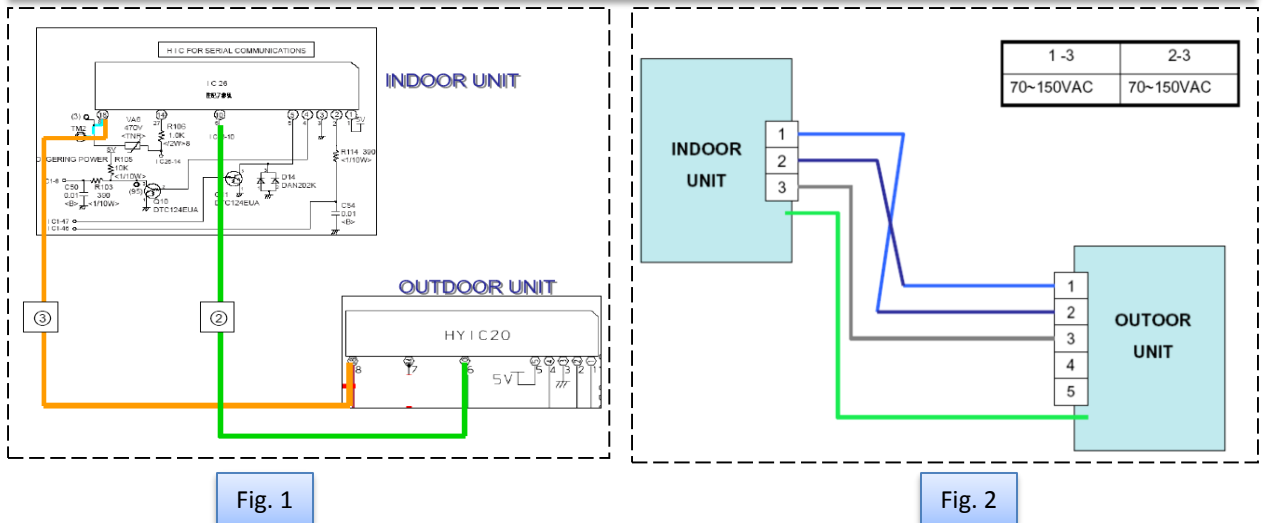


## Incorrect Wiring

Fujitsu evaporators and condensers communicate via terminals 3 and 2. While terminals 1 & 2 is the AC input, terminal 2 also carries data between the indoor and outdoor unit (Fig.1). A common mis-wiring mistake done in the field will make the system go into an error lockout mode, and perhaps the most common error is the crossed connection between terminals 1 & 2 (Fig.2).



If an error code (2 green blinks) is shown upon installation of the system, you may suspect terminals 1 & 2 being crossed. How to determine if this your problem, when all the wiring are already between walls or inside conduits? There are two simple tests, one is checking AC voltage and the second is checking continuity. If the oscillating voltage between 1-3 is the same as 2-3 as shown on Chart 1 (70~150VAC), the probability of these two wires being crossed is great, after cutting power to the system you can confirm it with a simple continuity test.