**MODBUS RTU SETUP FOR CHZIRI-V-ZVF-300H DRIVES**

**RS485 Wiring Setup**

* **Use 3-wire RS485:**
  + **A (Data+)**
  + **B (Data–)**
  + **GND (Ground)**
* **Termination:**
  + **Check if VFD has built-in terminal resistor (likely via DIP switch or software).**
  + **Enable termination only at the ends of the RS485 bus.**
* **Shielding: Use shielded twisted-pair cable, grounded at one end.**

**Communication Settings**

**Configure each VVD via keypad or software:**

|  |  |  |
| --- | --- | --- |
| Parameter | Function Code | Setting Options |
| Address | **FC.00** | **1–247** |
| Baud Rate | **FC.01** | **0–5 (e.g., 4 = 19200)** |
| Data Format | **FC.02** | **0–17 (e.g., 1 = RTU 8E1)** |
| Response Delay | **FC.03** | **0–200 ms** |
| Timeout | **FC.04** | **0.0–200.0 s** |
| Error Action | **FC.05** | **0–3** |

**NO BUILT RESISTOR TERMINAL DIP SWITCH OR PORT. USE RESISTOR 120 OHMS**

**ACTUAL PORTS:[485+,485-,GND]**

