

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 VFD 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]

