

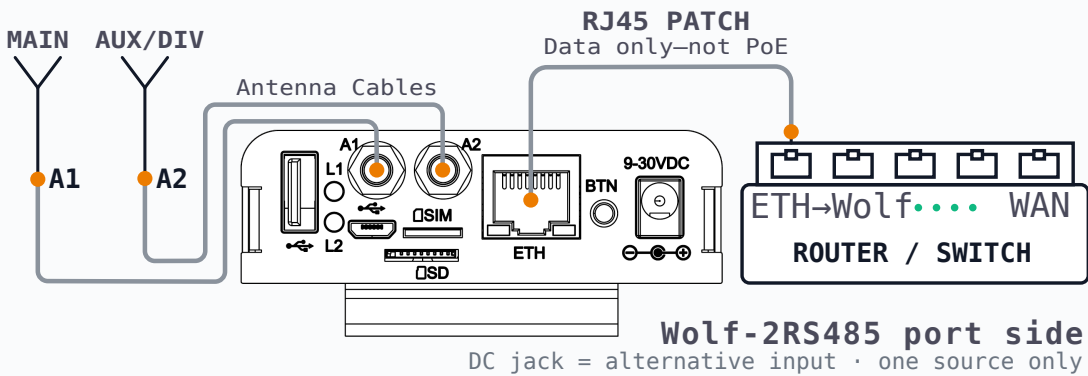
Wolf-2RS485

CONNECTION DIAGRAM

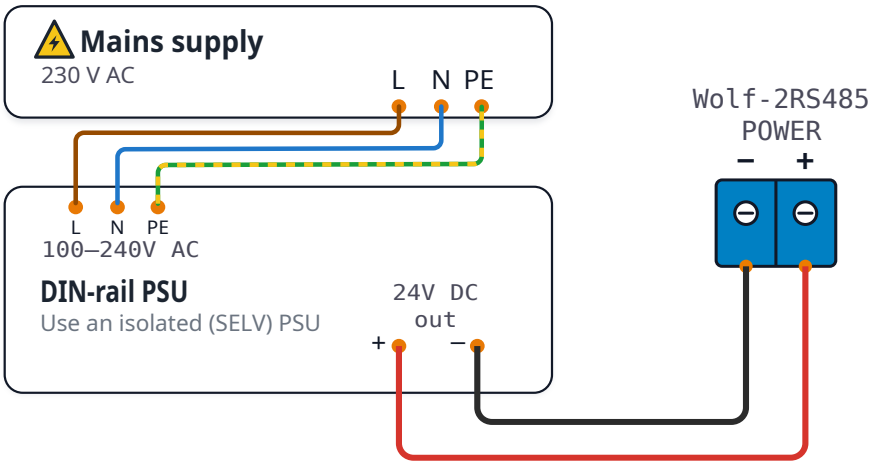
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NETWORK & ANTENNA

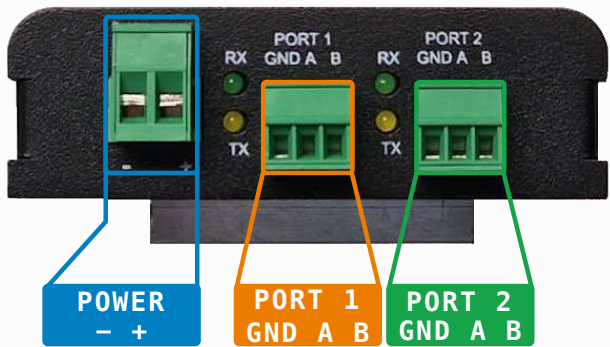
A1 = LTE main
A2 = Rx-diversity (optional)



POWER



WOLF-2RS485 connector side



POWER
9-30V DC · DIN

2 x RS-485
Modbus RTU

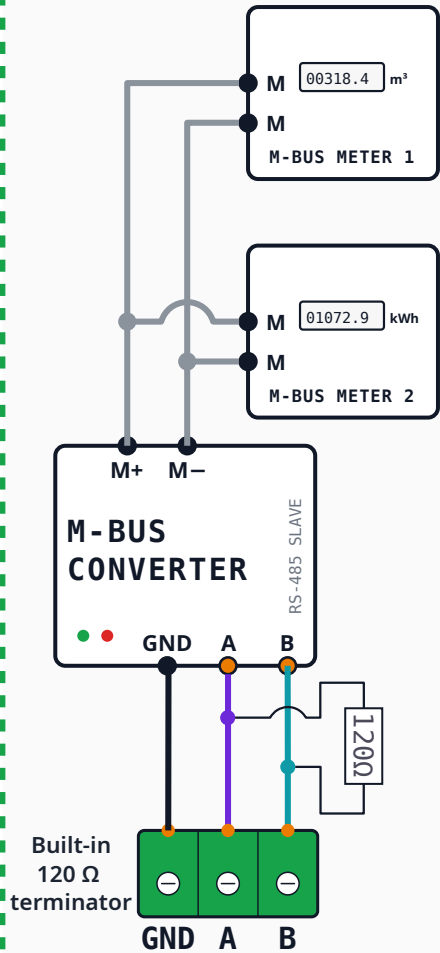
BAUD RATE
300-115200 bps each

TERMINATION
120 Ω built-in per port

All field wiring connects here. Colors match the zones around the sheet.

PORT 2 M-BUS

M-Bus is 2-wire and polarity-free. Converter and meters powered locally.



WIRE KEY

AC MAINS

- Phase / Line (L)
- Neutral (N)
- PE / earth

DC POWER

- + supply (e.g. +24 V)
- / 0 V / GND · RS-485 common

RS-485 DATA

- RS-485 A
- RS-485 B
- twisted pair (A/B)

OTHER

- signal / data / M-Bus
- live 230 V

CONNECTION TABLE

FROM	TO	WIRE
LTE antenna	Wolf A1	
Aux antenna	Wolf A2	
Router	Wolf ETH	
Mains L	PSU L	
Mains N	PSU N	
Mains PE	PSU PE	
PSU +	Wolf +	
PSU -	Wolf -	
Wolf P1 GND	MOD #1 -	
Wolf P1 A	MOD #1 A	
Wolf P1 B	MOD #1 B	
MOD #1 A	Meter A	
MOD #1 B	Meter B	
MOD #1 -	MOD #N -	
Meter A	MOD #N A	
Meter B	MOD #N B	
120 Ω	MOD #N A	
120 Ω	MOD #N B	
Wolf P2 GND	Conv GND	
Wolf P2 A	Conv A	
Wolf P2 B	Conv B	
120 Ω	Conv A	
120 Ω	Conv B	
Conv M+	Mtr 1 M	
Conv M-	Mtr 1 M	
Mtr 1 M	Mtr 2 M (wire 1)	
Mtr 1 M	Mtr 2 M (wire 2)	

PORT 1 MODBUS RTU

