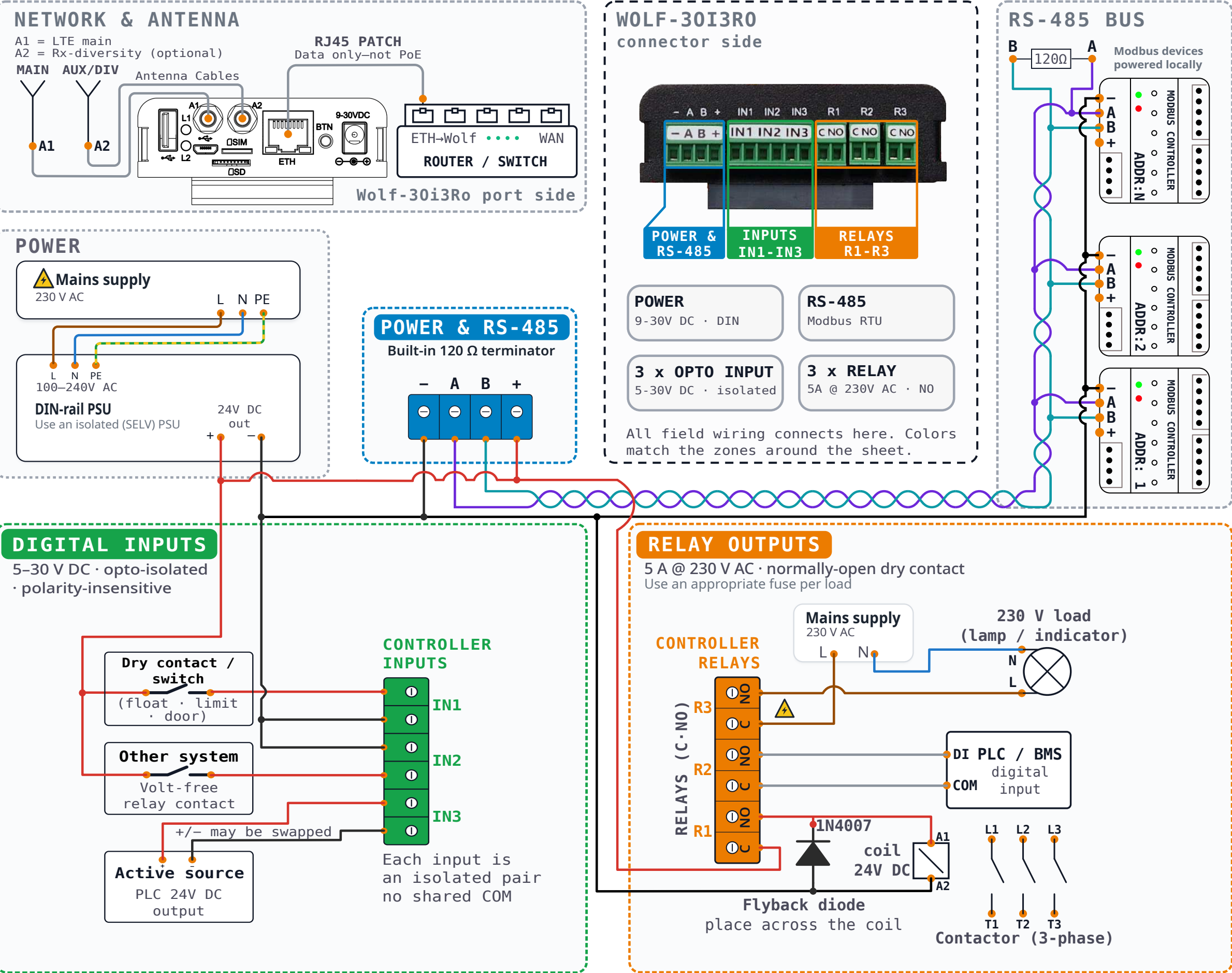


Wolf-30i3Ro

CONNECTION DIAGRAM

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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 / dry contact
- 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 -	MOD #1 -	
Wolf A	MOD #1 A	
Wolf B	MOD #1 B	
MOD #1 -	MOD #2 -	
MOD #1 A	MOD #2 A	
MOD #1 B	MOD #2 B	
MOD #2 -	MOD #N -	
MOD #2 A	MOD #N A	
MOD #2 B	MOD #N B	
120 Ω	MOD #N A	
120 Ω	MOD #N B	
PSU +	Dry contact	
Dry contact	Wolf IN1	
Wolf IN1	PSU -	
PSU +	Volt-free	
Volt-free	Wolf IN2	
Wolf IN2	PSU -	
PLC +	Wolf IN3	
PLC -	Wolf IN3	
PSU +	Wolf R1 C	
Wolf R1 NO	Coil A1	
Coil A2	PSU -	
Wolf R2 C	PLC COM	
Wolf R2 NO	PLC DI	
Mains L	Wolf R3 C	
Wolf R3 NO	Load L	
Mains N	Load N	