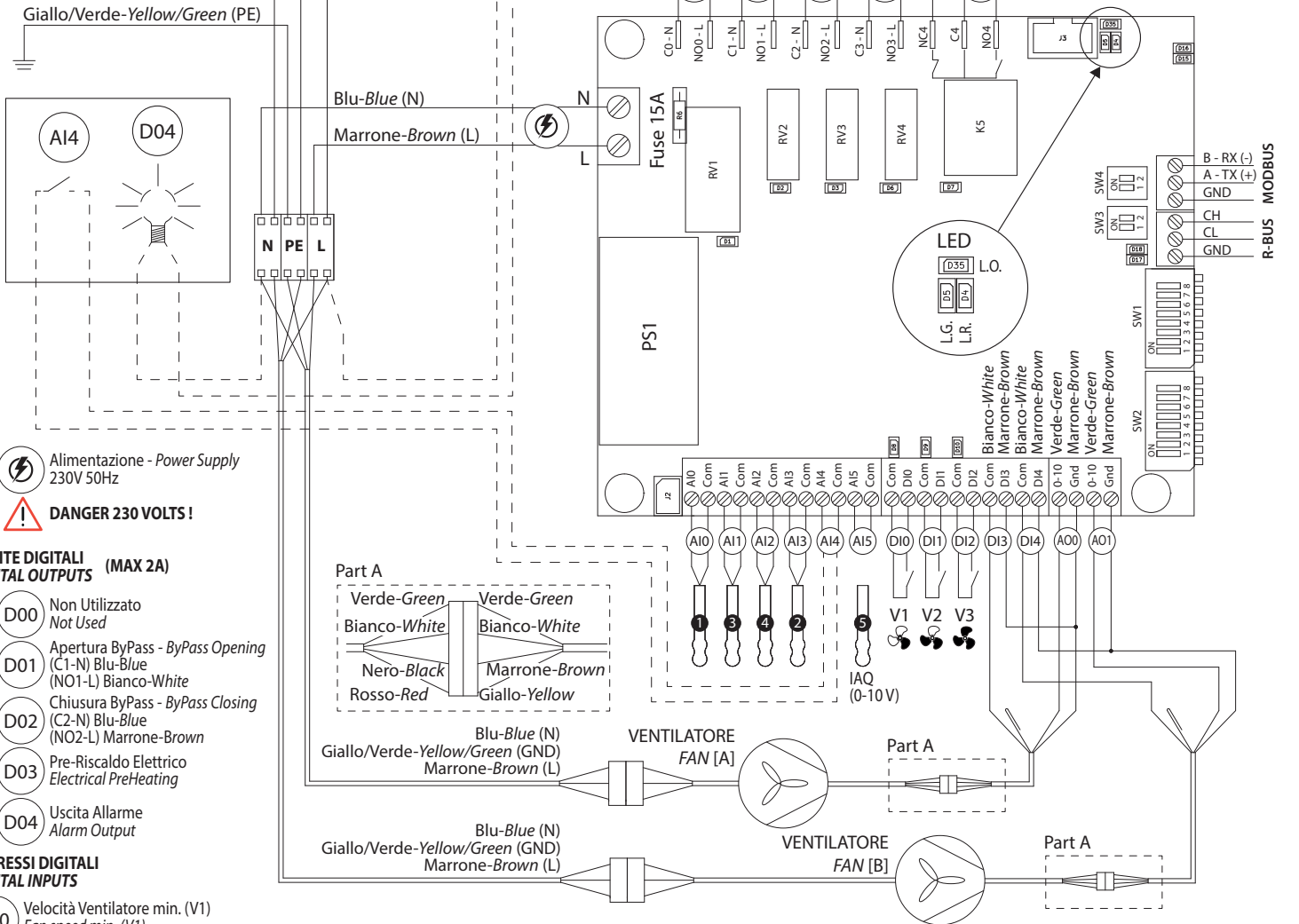




# REFLAIR 150-250

## SCHEMA ELETTRICO - WIRING DIAGRAM

**DANGER 230 VOLTS!**  
(MAX 2A)



**Alimentazione - Power Supply**  
230V 50Hz

**DANGER 230 VOLTS!**

**USCITE DIGITALI DIGITAL OUTPUTS (MAX 2A)**

- D00** Non Utilizzato / Not Used
- D01** Apertura ByPass - ByPass Opening (C1-N) Bianco-White (NO1-L) Bianco-White
- D02** Chiusura ByPass - ByPass Closing (C2-N) Blu-Blue (NO2-L) Marrone-Brown
- D03** Pre-Riscaldamento Elettrico / Electrical PreHeating
- D04** Uscita Allarme / Alarm Output

**INGRESSI DIGITALI DIGITAL INPUTS**

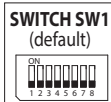
- D10** Velocità Ventilatore min. (V1) / Fan speed min. (V1)
- D11** Velocità Ventilatore med. (V2) / Fan speed med. (V2)
- D12** Velocità Ventilatore max. (V3) / Fan speed max (V3)
- D13** [A] Ventilatore - Fan (Com) Bianco-White (D13) Marrone-Brown
- D14** [B] Ventilatore - Fan (Com) Bianco-White (D14) Marrone-Brown

**USCITE ANALOGICHE ANALOGUE OUTPUTS**

- AO0** [A] Ventilatore - Fan (0-10) Verde-Green (Gnd) Marrone-Brown
- AO1** [B] Ventilatore - Fan (0-10) Verde-Green (Gnd) Marrone-Brown

**INGRESSI ANALOGICI ANALOGUE INPUTS**

- AI0** Sonda-Probe 1 (Com) (AI0) | Nero-Black
- AI1** Sonda-Probe 3 (Com) (AI1) | Nero-Black
- AI2** Sonda-Probe 4 (Com) (AI2) | Nero-Black
- AI3** Sonda-Probe 2 (Com) (AI3) | Nero-Black
- AI4** Reset Allarme Filtri / Filters Alarm Reset
- AI5** Sonda Qualità Aria Amb. (\*) 5 / Indoor Air Quality Probe (\*) \*Se Presente - If present



**DIP 1 SELETTORE FLUSSO ARIA-AIR FLOW SELECTOR**  
OFF= Portate Aria Nominali-Nominal Flow Rates  
ON= Portate Aria Ridotte-Reduced Flow Rates

**DIP 2 SELETTORE CONFIG.-CONFIGURATION SELECTOR**  
OFF= FACTORY  
ON= REVERSE

**DIP 2 OFF | FACTORY MODE**

- 1 (AI0) SUP | Immissione Aria-Supply Air
- 3 (AI1) IN | Ingresso Aria Esterna-Air Inlet
- 4 (AI2) EXT | Estrazione Aria-Air Extraction
- 2 (AI3) OUT | Espulsione Aria-Exhaust Air

[A] Ventilatore - Fan SUP | Immissione Aria-Supply Air  
[B] Ventilatore - Fan OUT | Espulsione Aria-Exhaust Air

**DIP 2 ON | REVERSE MODE**

- 1 (AI0) OUT | Espulsione Aria-Exhaust Air
- 3 (AI1) EXT | Estrazione Aria-Air Extraction
- 4 (AI2) IN | Ingresso Aria Esterna-Air Inlet
- 2 (AI3) SUP | Immissione Aria-Supply Air

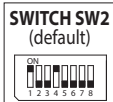
[A] Ventilatore - Fan OUT | Espulsione Aria-Exhaust Air  
[B] Ventilatore - Fan SUP | Immissione Aria-Supply Air

**DIP 3**  
OFF= Recuperatore standard - Standard exchanger  
ON= Recuperatore entalpico - Enthalpic exchanger

**DIP 4**  
OFF= (AI5) 0-10 V Disabilitato - Disabled  
ON= (AI5) 0-10 V Abilitato - Enabled

**DIP 5-6-7**  
Non Utilizzato - Not Used

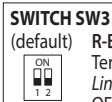
**DIP 8**  
MODBUS - Gestione Portate Aria - Air Flow Manag.  
OFF= % | ON= m³/h (Wi-KNX)



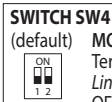
**DIP 1-2-3-4-5-6 INDIRIZZO MODBUS-MODBUS ADDRESS**  
DEFAULT: 9 (DIP 1 ON, DIP 4 ON)

**DIP 7 VELOCITÀ TRASMISSIONE BAUD RATE**  
OFF= 19200 Bit/s (Wi-KNX)  
ON= 9600 Bit/s

**DIP 8 NR. BIT STOP-NR. OF STOP BITS**  
OFF= 2 Bit Stop/2 Stop Bits  
ON= 1 Bit Stop/1 Stop Bit (KNX)



**R-BUS Terminazione Linea Line termination**  
OFF= DIP (1-2) OFF  
ON= DIP (1-2) ON



**MODBUS Terminazione Linea Line termination**  
OFF= DIP (1-2) OFF  
ON= DIP (1-2) ON

**ALLARMI E SEGNALAZIONI - ALARMS AND SIGNALLING**

Tipo / Type	Descrizione / Description	Nr. Lampeggi / Nr. of flashes
D5 L.G. Verde Green	Modalità Economy - Economy mode	1
	Modalità Rinnovo - Renewal mode	2
	Modalità Boost - Boost mode	3
	Modalità Sbrinamento - Defrost mode	4
D35 L.O. Arancione Orange	Allarme Sonda - Probe Alarm 1	1
	Allarme Sonda - Probe Alarm 3	2
	Allarme Sonda - Probe Alarm 4	3
	Allarme Sonda - Probe Alarm 2	4
	Allarme Sonda Qualità Aria - Air Quality Probe Alarm 5	5
D4 L.R. Rosso Red	Malfunzionamento Ventilatore (A) - Fan (A) Malfunction	1
	Malfunzionamento Ventilatore (B) - Fan (B) Malfunction	2
	Segnalazione Filtri Sporchi - Dirty Filter Warning	3
	Blocco Macchina Filtri Sporchi - Machine Lock Dirty Filters	4

servocomando by-pass by-pass servomotor