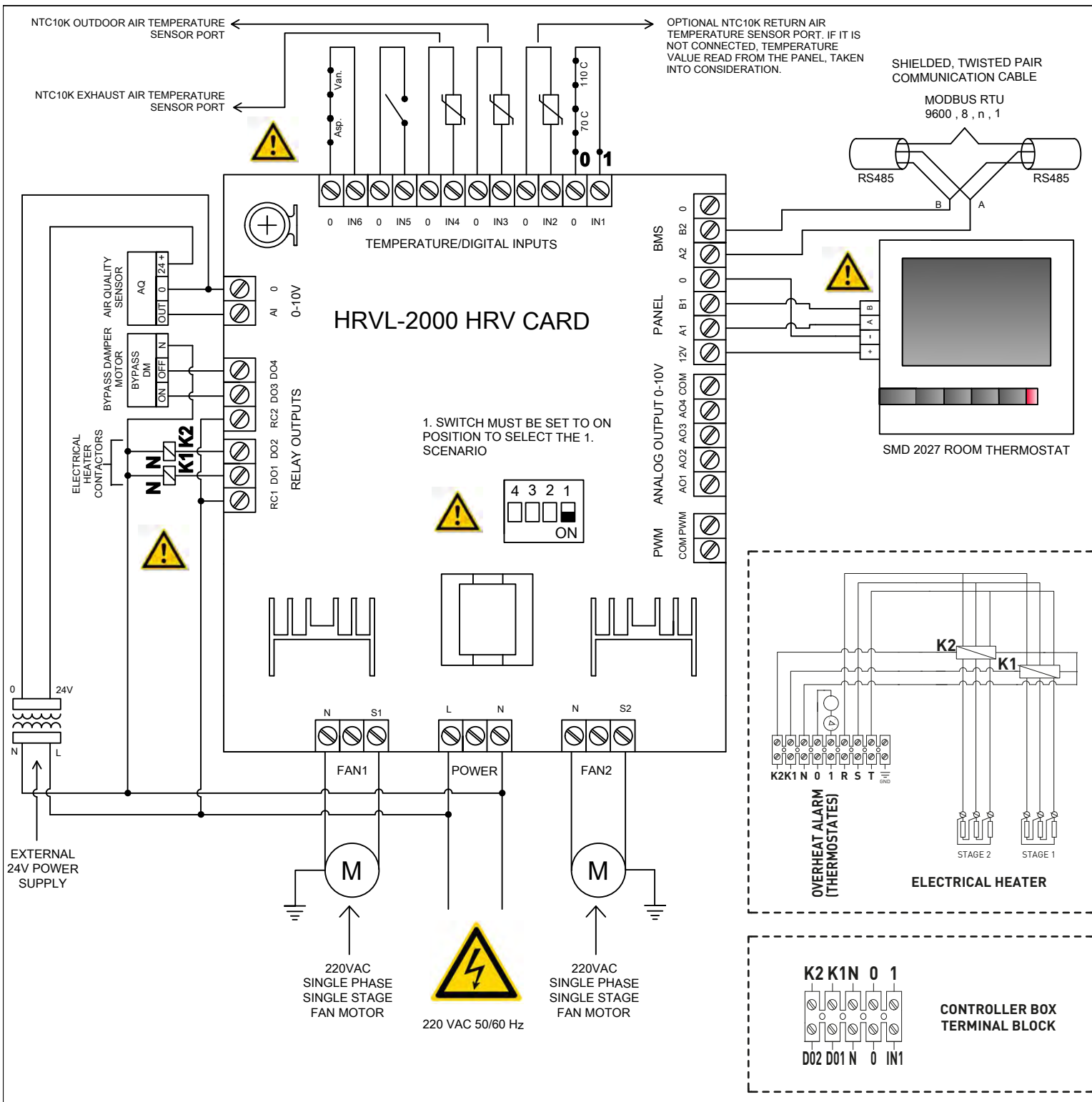
 **ALERTS AND ALARMS MENU**

- * DISCONNECT THE POWER OF THE DEVICE, BEFORE MAKING OR CHANGING CABLE CONNECTIONS.
 - * DISCONNECT THE POWER OF THE DEVICE, BEFORE CHANGING SCENARIO VIA DIPSWITCH.
 - * CHECK THERMOSTAT CONNECTIONS, BEFORE OPERATING THE DEVICE.
 - * IN6-0 FAN THERMAL OR DPS ALARM (NC)
- IT MUST BE CONNECTED TO THE NC TERMINAL OF THERMAL OR NO TERMINAL OF DPS CONTACTS. IF IT IS NOT CONNECTED, AL:01 ALARM HAPPENS. IF IT IS NOT USED, INPUT MUST BE CONNECTED TO GND(0).



**SCENARIO 0:
VENTILATION**



ALERTS AND ALARMS MENU

* DISCONNECT THE POWER OF THE DEVICE, BEFORE MAKING OR CHANGING CABLE CONNECTIONS.

* DISCONNECT THE POWER OF THE DEVICE, BEFORE CHANGING SCENARIO VIA DIPSWITCH.

* CHECK THERMOSTAT CONNECTIONS, BEFORE OPERATING THE DEVICE.

* IN1-0 ELECTRICAL HEATER OVER HEAT ALARM (NC)

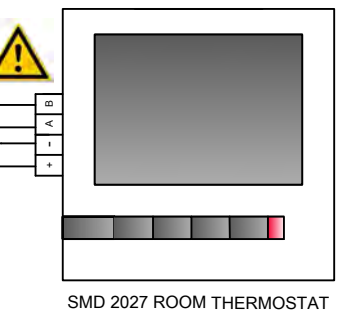
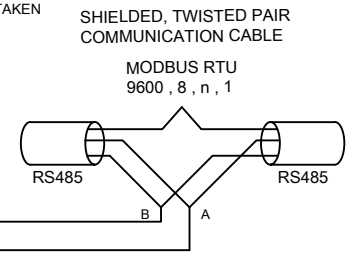
IT MUST BE CONNECTED TO THE NC TERMINAL OF SAFETY THERMOSTAT. IF IT IS NOT CONNECTED, AL:05 ALARM HAPPENS. IF IT IS NOT USED, INPUT MUST BE CONNECTED TO GND(0).

* IN5-0 HUMIDITY SENSOR CONTACT (NO)

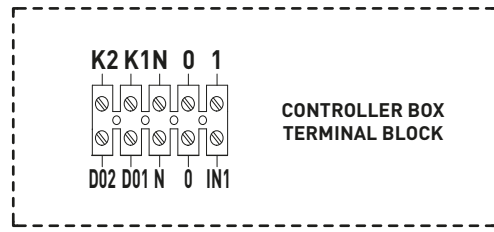
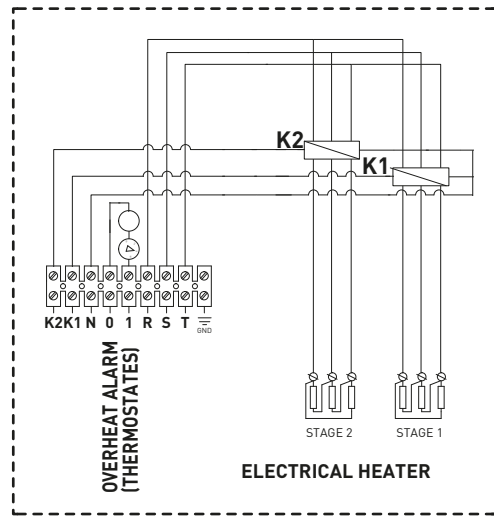
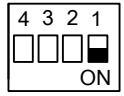
DEFAULT CONNECTION IS NO. IF THE INPUT IS CONNECTED TO GND, AL:05 ALARM HAPPENS.

* IN6-0 FAN THERMAL OR DPS ALARM (NC)

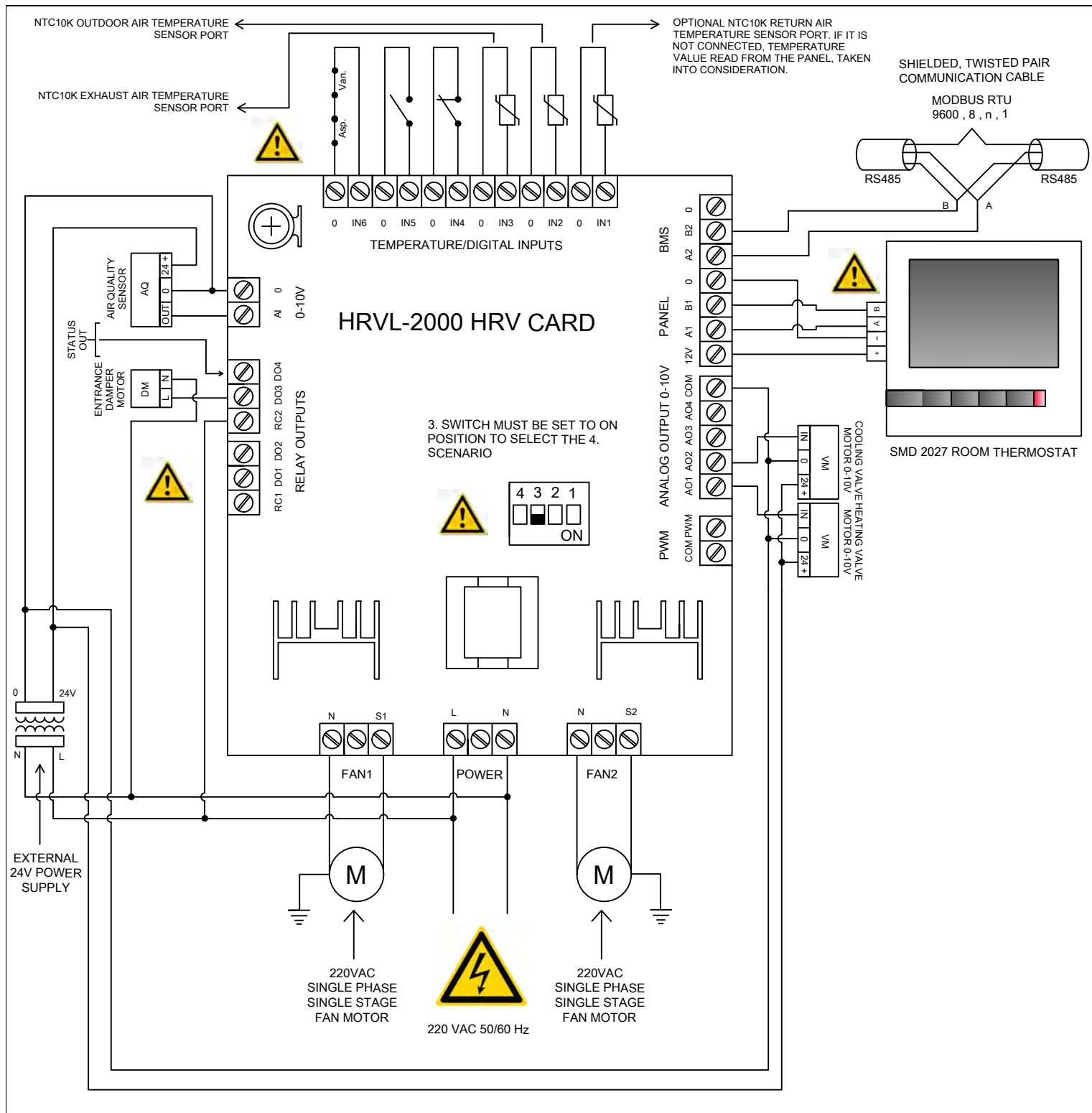
IT MUST BE CONNECTED TO THE NC TERMINAL OF THERMAL OR NO TERMINAL OF DPS CONTACTS. IF IT IS NOT CONNECTED, AL:01 ALARM HAPPENS. IF IT IS NOT USED, INPUT MUST BE CONNECTED TO GND(0).



1. SWITCH MUST BE SET TO ON POSITION TO SELECT THE 1. SCENARIO



**SCENARIO 1: (JRHB75)
VENTILATION+ELECTRIC
HEATING+COOLING**

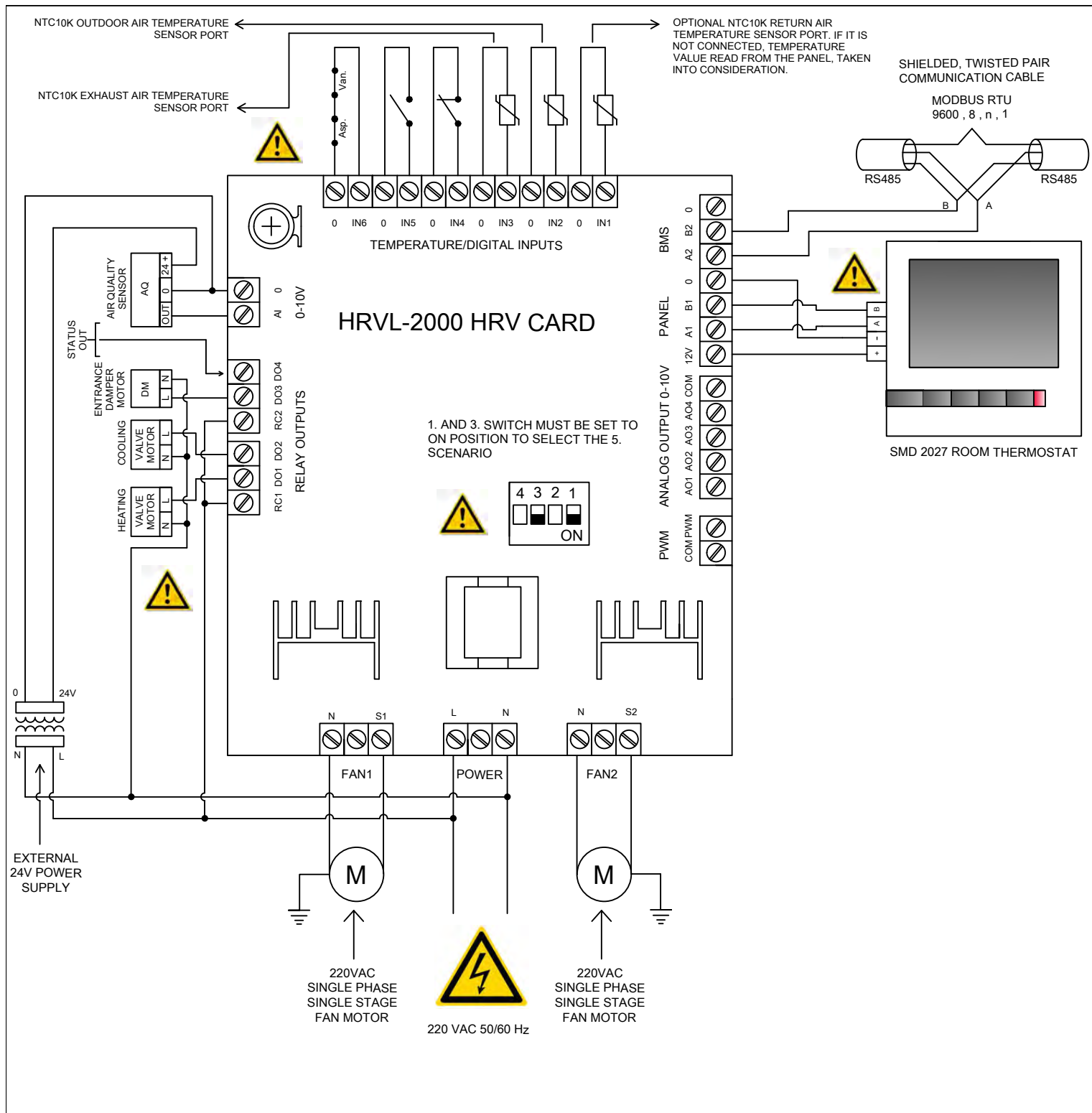


ALERTS AND ALARMS MENU

- * DISCONNECT THE POWER OF THE DEVICE, BEFORE MAKING OR CHANGING CABLE CONNECTIONS.
- * DISCONNECT THE POWER OF THE DEVICE, BEFORE CHANGING SCENARIO VIA DIPSWITCH.
- * CHECK THERMOSTAT CONNECTIONS, BEFORE OPERATING THE DEVICE.
- * STATUS OUT IS DESIGNED TO BE 220V. IF NECESSARY, THE CONTROL VOLTAGE CAN BE CHANGED BY EXTERNAL RELAY.
- * IN4-0 REMOTE CONTROL CONTACT (NC)
 THE REMOTE CONTROL INPUT VIA EXTERNAL CONTACTS. IF IT IS NOT USED, INPUT MUST BE CONNECTED TO GND(0).
- * IN5-0 HUMIDITY SENSOR CONTACT (NO)
 DEFAULT CONNECTION IS NO. IF THE INPUT IS CONNECTED TO GND, AL:05 ALARM HAPPENS.
- * IN6-0 FAN THERMAL OR DPS ALARM (NC)
 IT MUST BE CONNECTED TO THE NC TERMINAL OF THERMAL OR NO TERMINAL OF DPS CONTACTS. IF IT IS NOT CONNECTED, AL:01 ALARM HAPPENS. IF IT IS NOT USED, INPUT MUST BE CONNECTED TO GND(0).



SCENARIO 4: VENTILATION+WATER HEATING+WATER COOLING



⚠️ ALERTS AND ALARMS MENU

- * DISCONNECT THE POWER OF THE DEVICE, BEFORE MAKING OR CHANGING CABLE CONNECTIONS.
- * DISCONNECT THE POWER OF THE DEVICE, BEFORE CHANGING SCENARIO VIA DIPSWITCH.
- * CHECK THERMOSTAT CONNECTIONS, BEFORE OPERATING THE DEVICE.
- * STATUS OUT IS DESIGNED TO BE 220V. IF NECESSARY, THE CONTROL VOLTAGE CAN BE CHANGED BY EXTERNAL RELAY.
- * HEATING AND COOLING VALVE OUTS DESIGNED TO BE 220V. IF NECESSARY, THE CONTROL VOLTAGE CAN BE CHANGED BY RC1 TERMINAL.
- * IN4-0 REMOTE CONTROL CONTACT (NC)


THE REMOTE CONTROL INPUT VIA EXTERNAL CONTACTS. IF IT IS NOT USED, INPUT MUST BE CONNECTED TO GND (0).

- * IN5-0 HUMIDITY SENSOR CONTACT (NO)

DEFAULT CONNECTION IS NO. IF THE INPUT IS CONNECTED TO GND, AL:05 ALARM HAPPENS.

- * IN6-0 FAN THERMAL OR DPS ALARM (NC)

IT MUST BE CONNECTED TO THE NC TERMINAL OF THERMAL OR NO TERMINAL OF DPS CONTACTS. IF IT IS NOT CONNECTED, AL:01 ALARM HAPPENS. IF IT IS NOT USED, INPUT MUST BE CONNECTED TO GND(0).



JAKKA
www.jakkagroup.com

SCENARIO 5: VENTILATION+WATER HEATING+WATER COOLING

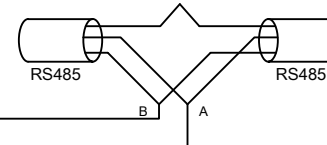
NTC10K OUTDOOR AIR TEMPERATURE SENSOR PORT

NTC10K EXHAUST AIR TEMPERATURE SENSOR PORT

OPTIONAL NTC10K RETURN AIR TEMPERATURE SENSOR PORT. IF IT IS NOT CONNECTED, TEMPERATURE VALUE READ FROM THE PANEL, TAKEN INTO CONSIDERATION.

SHIELDED, TWISTED PAIR COMMUNICATION CABLE

MODBUS RTU
9600, 8, n, 1



ALERTS AND ALARMS MENU

* DISCONNECT THE POWER OF THE DEVICE, BEFORE MAKING OR CHANGING CABLE CONNECTIONS.

* DISCONNECT THE POWER OF THE DEVICE, BEFORE CHANGING SCENARIO VIA DIPSWITCH.

* CHECK THERMOSTAT CONNECTIONS, BEFORE OPERATING THE DEVICE.

* IN1-0 ELECTRICAL HEATER OVER HEAT ALARM (NC)

IT MUST BE CONNECTED TO THE NC TERMINAL OF SAFETY THERMOSTAT. IF IT IS NOT CONNECTED, AL:05 ALARM HAPPENS. IF IT IS NOT USED, INPUT MUST BE CONNECTED TO GND(0).

* IN5-0 HUMIDITY SENSOR CONTACT (NO)

DEFAULT CONNECTION IS NO. IF THE INPUT IS CONNECTED TO GND, AL:05 ALARM HAPPENS.

* IN6-0 FAN THERMAL OR DPS ALARM (NC)

IT MUST BE CONNECTED TO THE NC TERMINAL OF THERMAL OR NO TERMINAL OF DPS CONTACTS. IF IT IS NOT CONNECTED, AL:01 ALARM HAPPENS. IF IT IS NOT USED, INPUT MUST BE CONNECTED TO GND(0).

HRVL-2000 HRV CARD

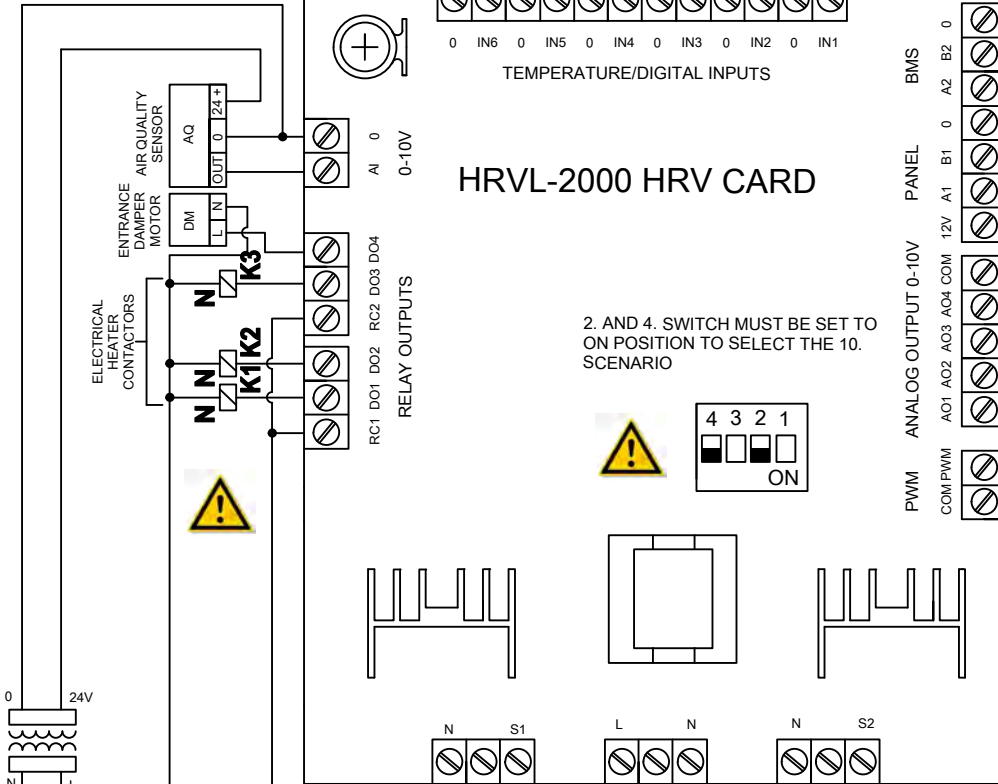
TEMPERATURE/DIGITAL INPUTS

AI 0

0-10V

RELAY OUTPUTS

2. AND 4. SWITCH MUST BE SET TO ON POSITION TO SELECT THE 10. SCENARIO



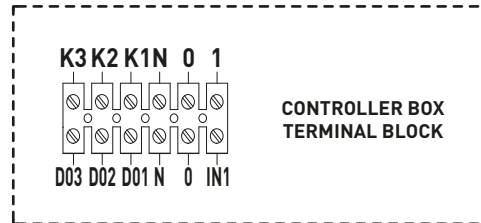
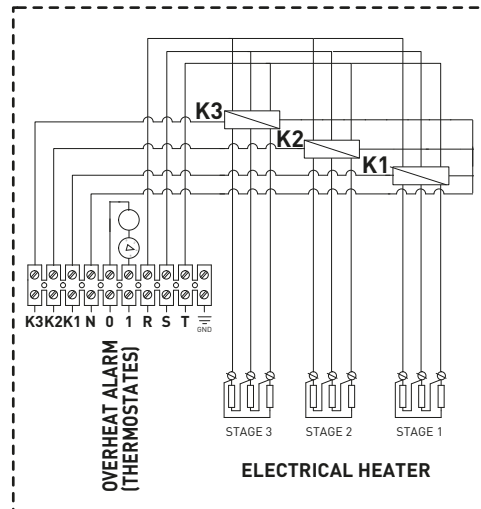
EXTERNAL 24V POWER SUPPLY

220VAC SINGLE PHASE SINGLE STAGE FAN MOTOR

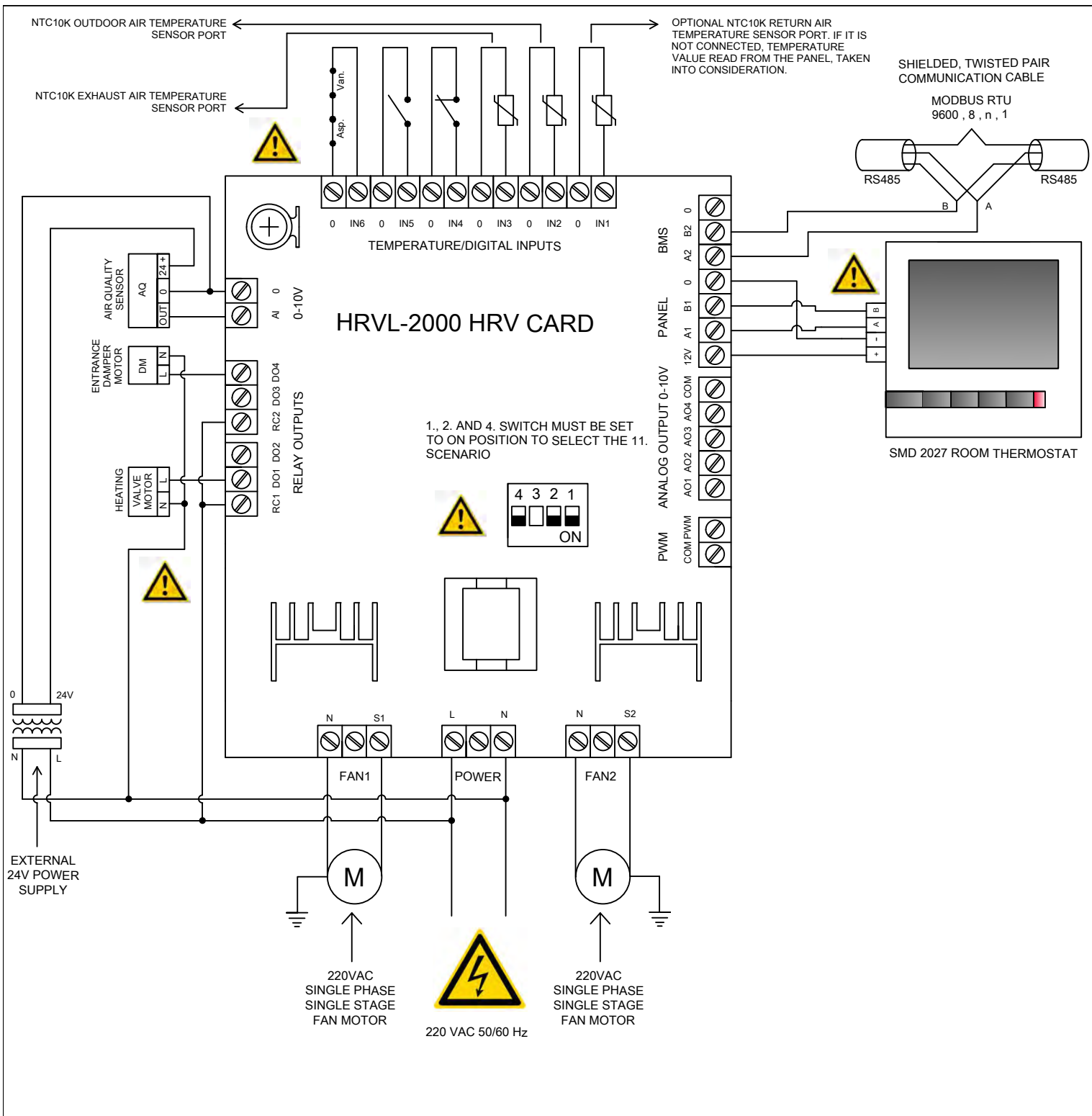


220 VAC 50/60 Hz

220VAC SINGLE PHASE SINGLE STAGE FAN MOTOR



SCENARIO 10: VENTILATION+ELECTRIC HEATING



ALERTS AND ALARMS MENU

- * DISCONNECT THE POWER OF THE DEVICE, BEFORE MAKING OR CHANGING CABLE CONNECTIONS.
- * DISCONNECT THE POWER OF THE DEVICE, BEFORE CHANGING SCENARIO VIA DIPSWITCH.
- * CHECK THERMOSTAT CONNECTIONS, BEFORE OPERATING THE DEVICE.
- * HEATING VALVE OUT DESIGNED TO BE 220V. IF NECESSARY, THE CONTROL VOLTAGE CAN BE CHANGED BY RC1 TERMINAL.
- * IN4-0 REMOTE CONTROL CONTACT (NC)
THE REMOTE CONTROL INPUT VIA EXTERNAL CONTACTS. IF IT IS NOT USED, INPUT MUST BE CONNECTED TO GND (0).
- * IN5-0 HUMIDITY SENSOR CONTACT (NO)
DEFAULT CONNECTION IS NO. IF THE INPUT IS CONNECTED TO GND, AL:05 ALARM HAPPENS.
- * IN6-0 FAN THERMAL OR DPS ALARM (NC)
IT MUST BE CONNECTED TO THE NC TERMINAL OF THERMAL OR NO TERMINAL OF DPS CONTACTS. IF IT IS NOT CONNECTED, AL:01 ALARM HAPPENS. IF IT IS NOT USED, INPUT MUST BE CONNECTED TO GND(0).



**SCENARIO 11:
VENTILATION+WATER
HEATING**