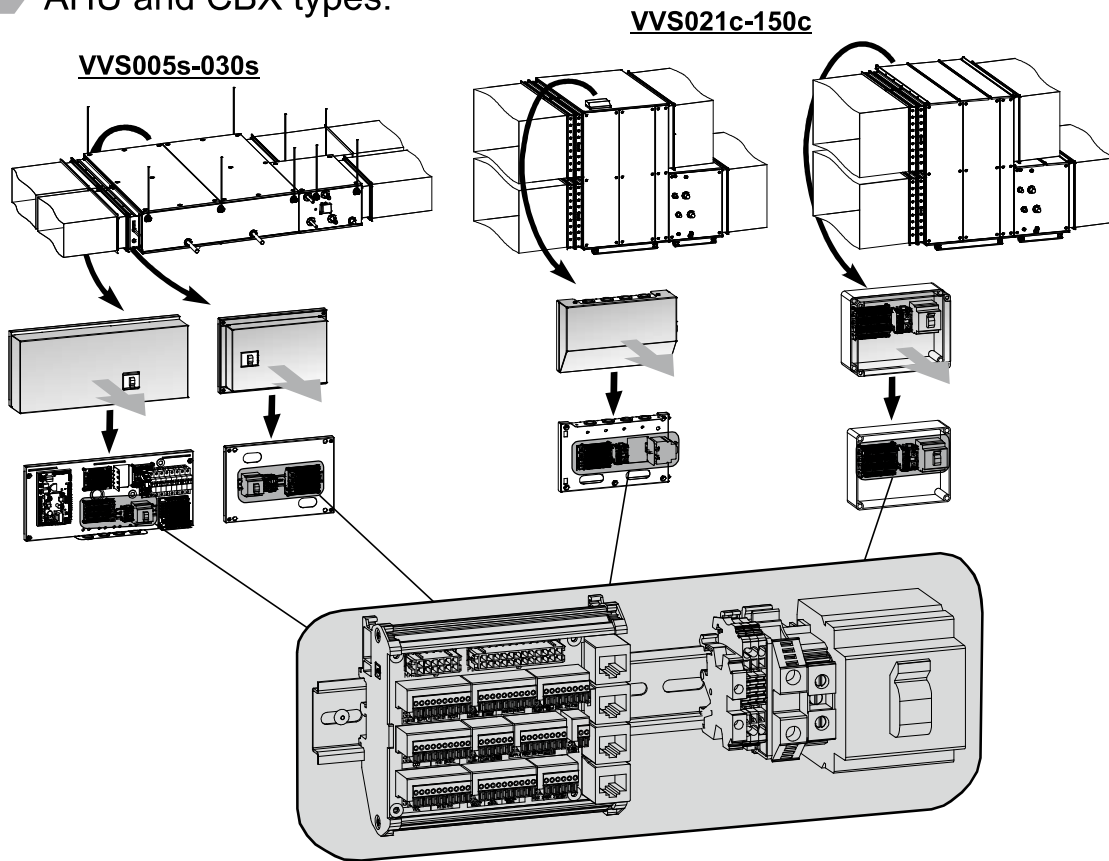


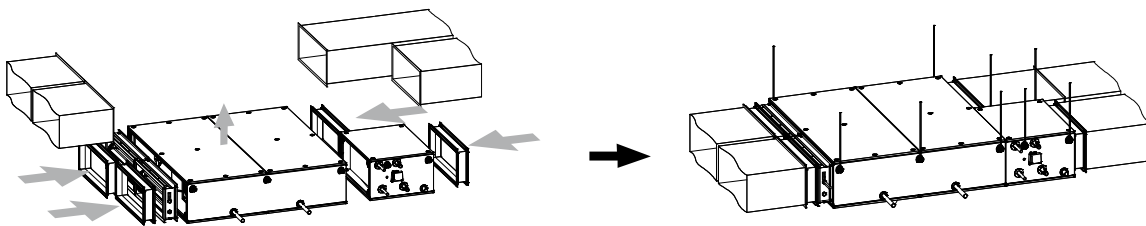
## AHU and CBX types:



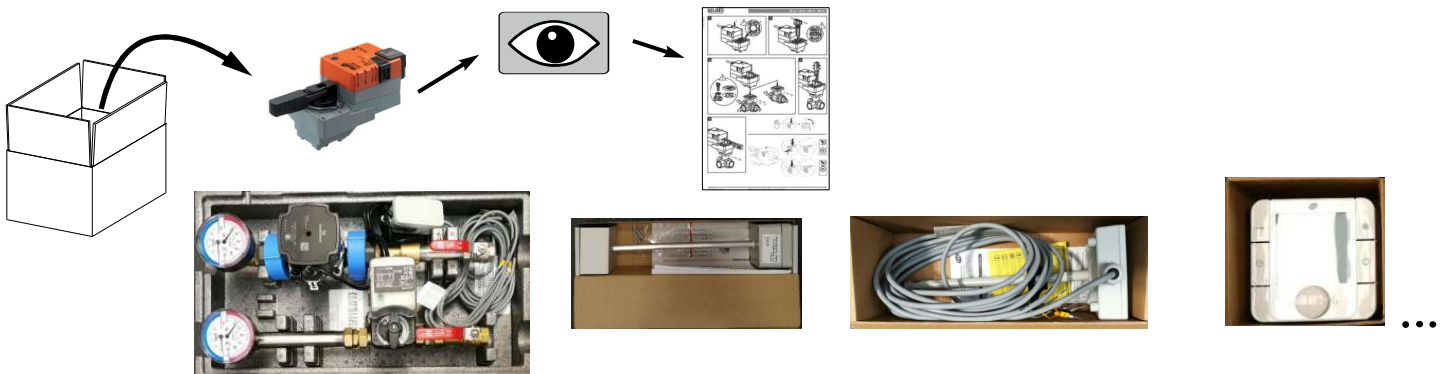
**Note** In case of outdoor installation of the Air Handling Units (VVS<sub>c</sub> range only):

- All cables should be secured by means of flexible conduits.
- Any auxiliary junction boxes must meet minimum protection degree for outdoor conditions.

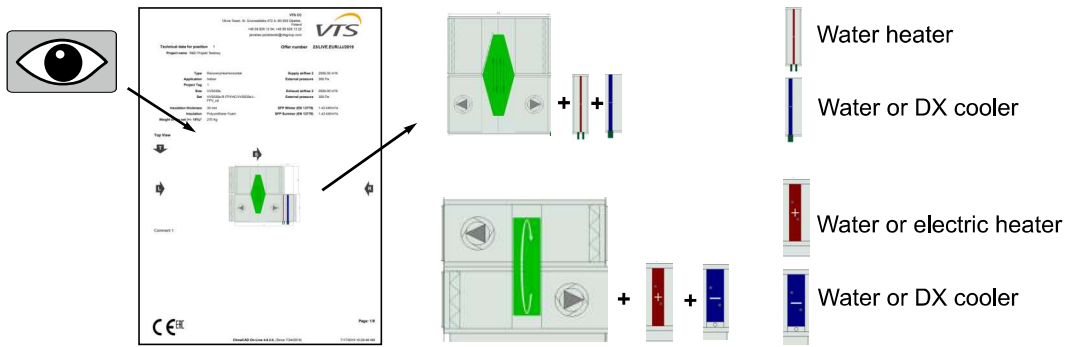
### STEP 1 Installation of the AHU on site



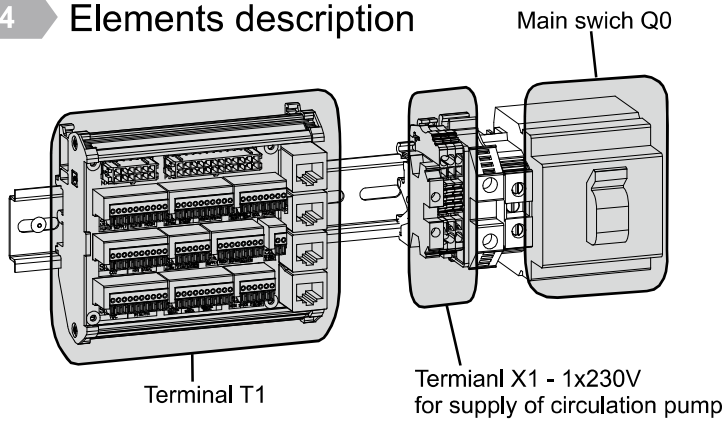
### STEP 2 Unpacking automation elements



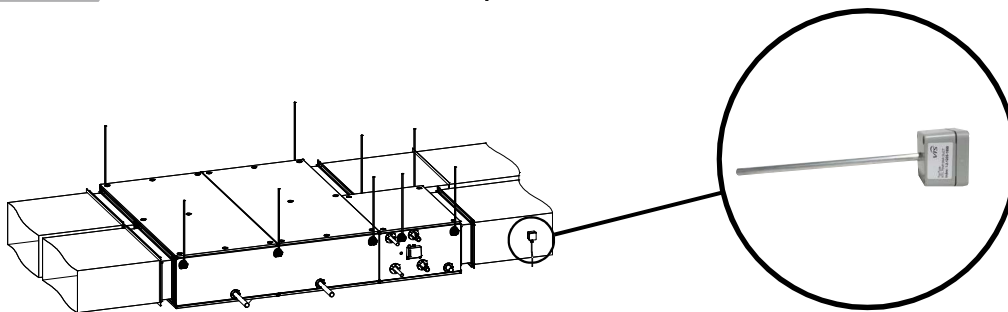
### STEP 3 Checking AHU configuration according to tech card



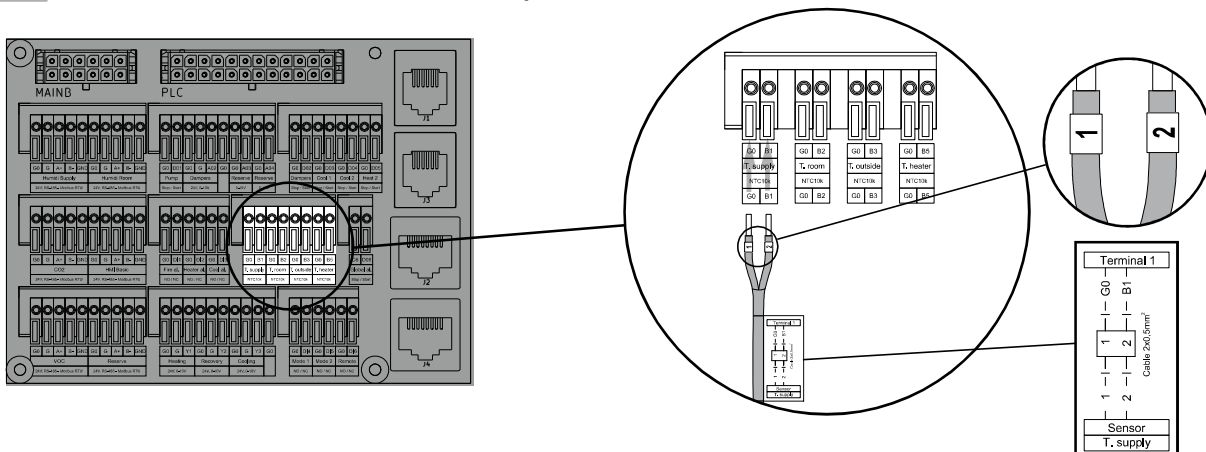
### STEP 4 Elements description



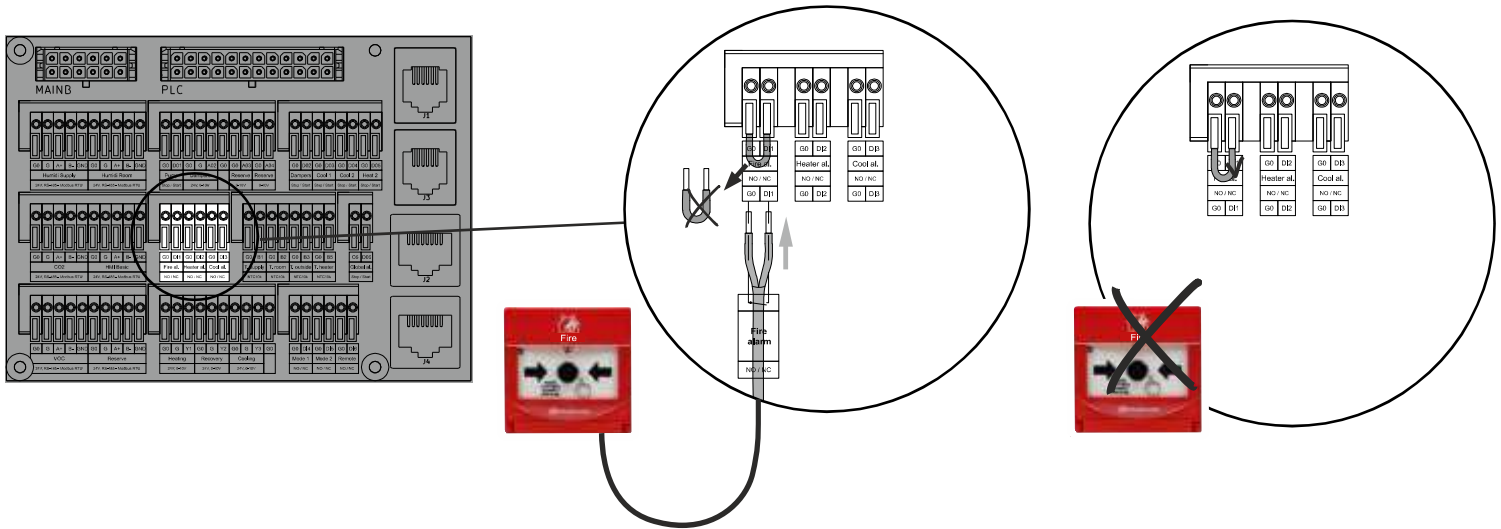
### STEP 5 Installation of the temperature sensor on the duct



### STEP 6 Connection of the duct temperature sensor to the T1

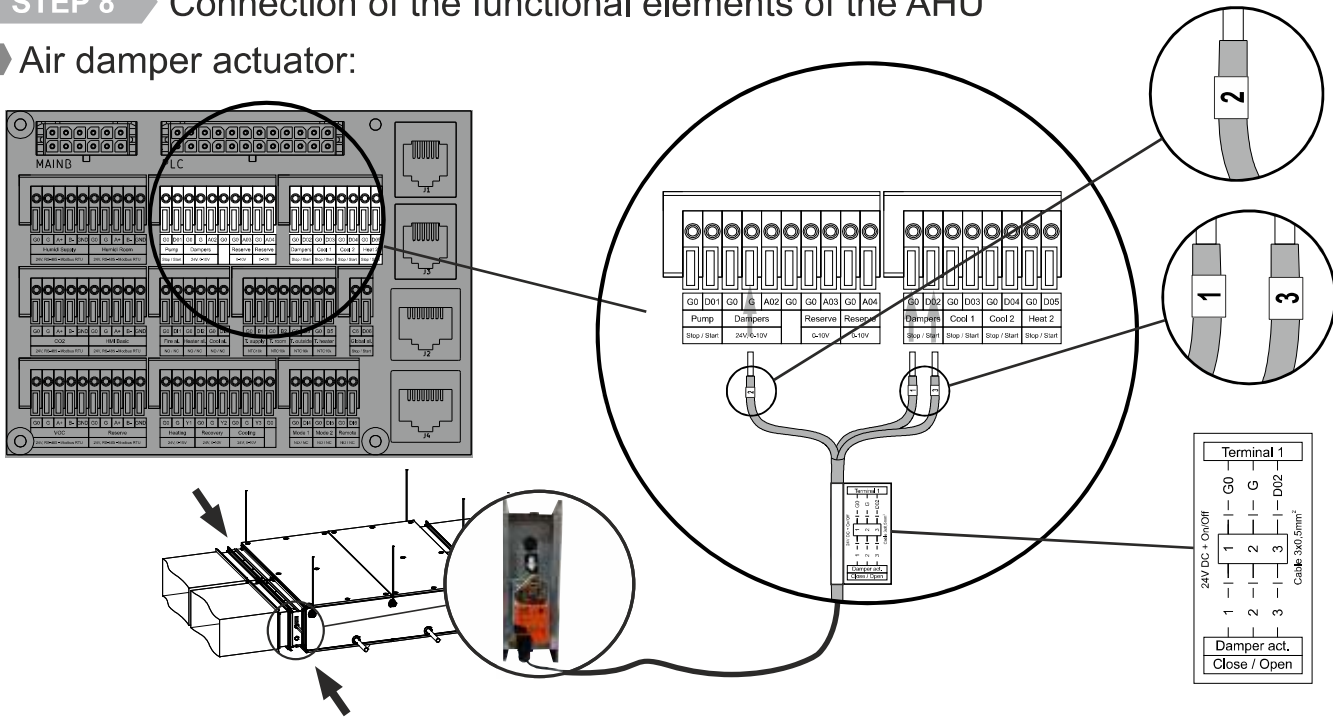


## STEP 7 Connection of the fire alarm system, if exists

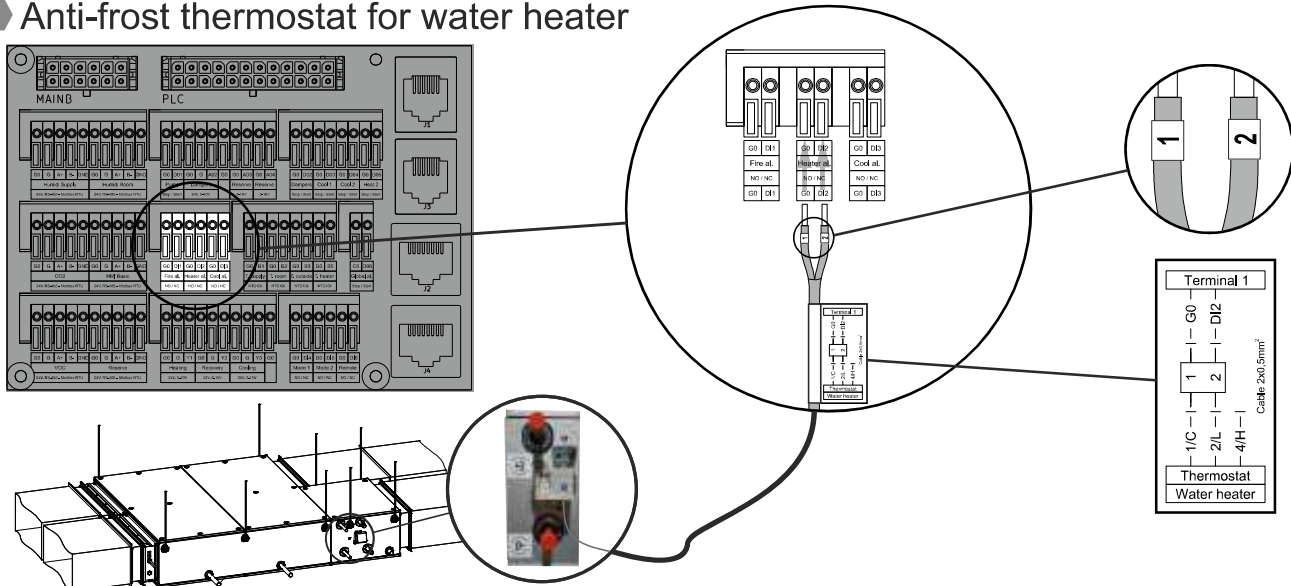


## STEP 8 Connection of the functional elements of the AHU

### 1 Air damper actuator:

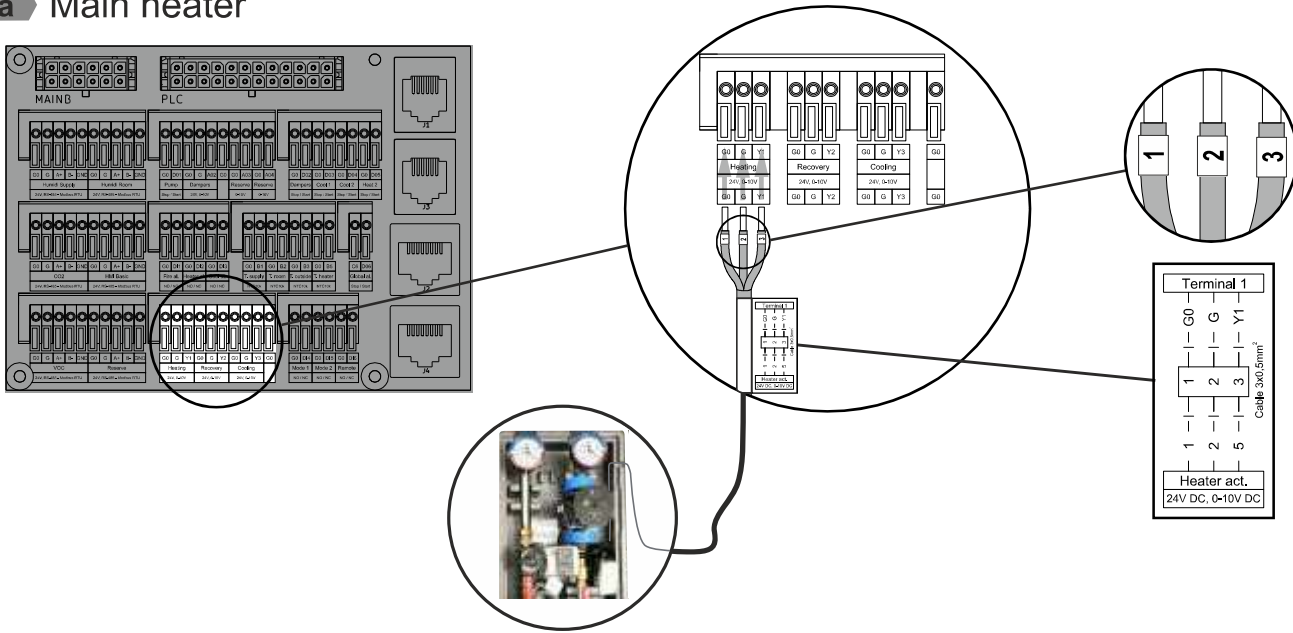


### 2 Anti-frost thermostat for water heater

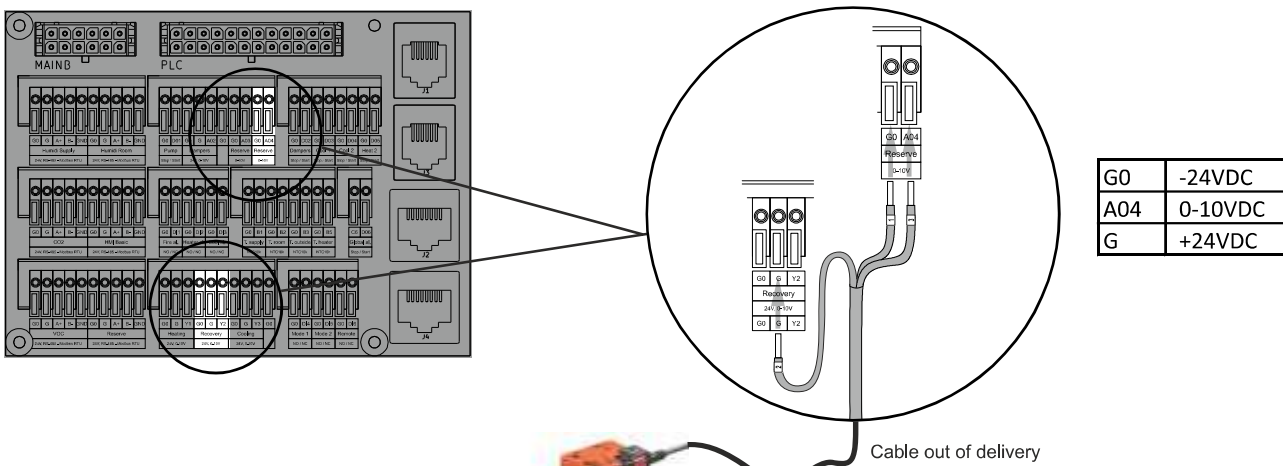


### 3 Valve actuator for water heater

#### 3a Main heater

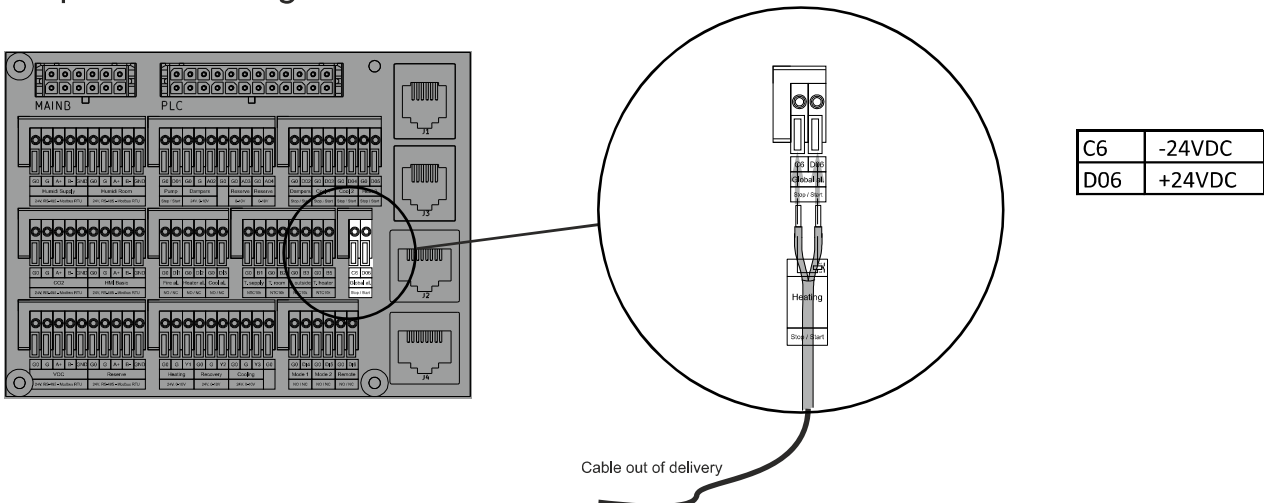


#### 3b PreHeater / ReHeater

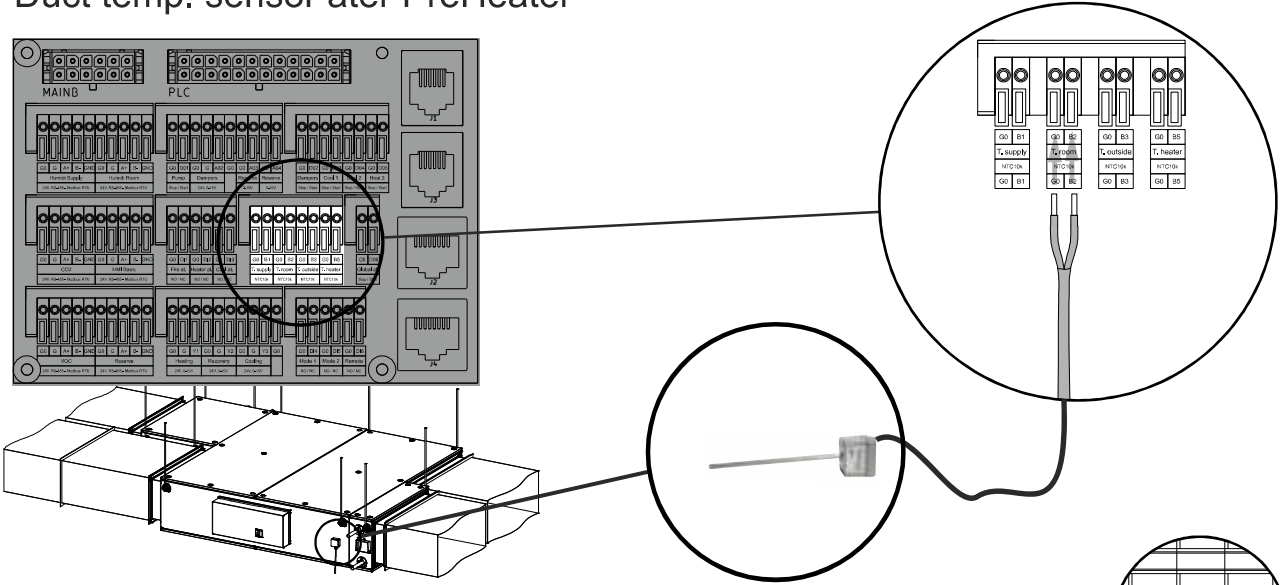


Circulation pump power supply for Pre/ReHeater out of the CBX !

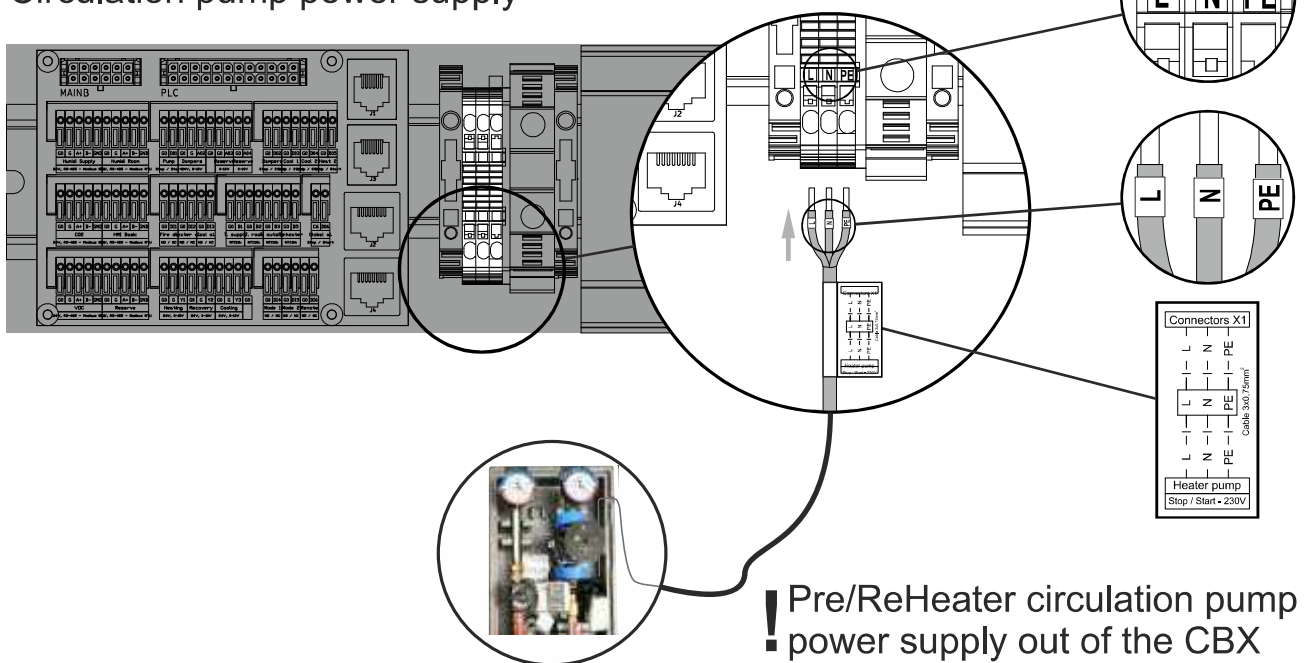
#### 3c Start permission signal for PreHeater & ReHeater



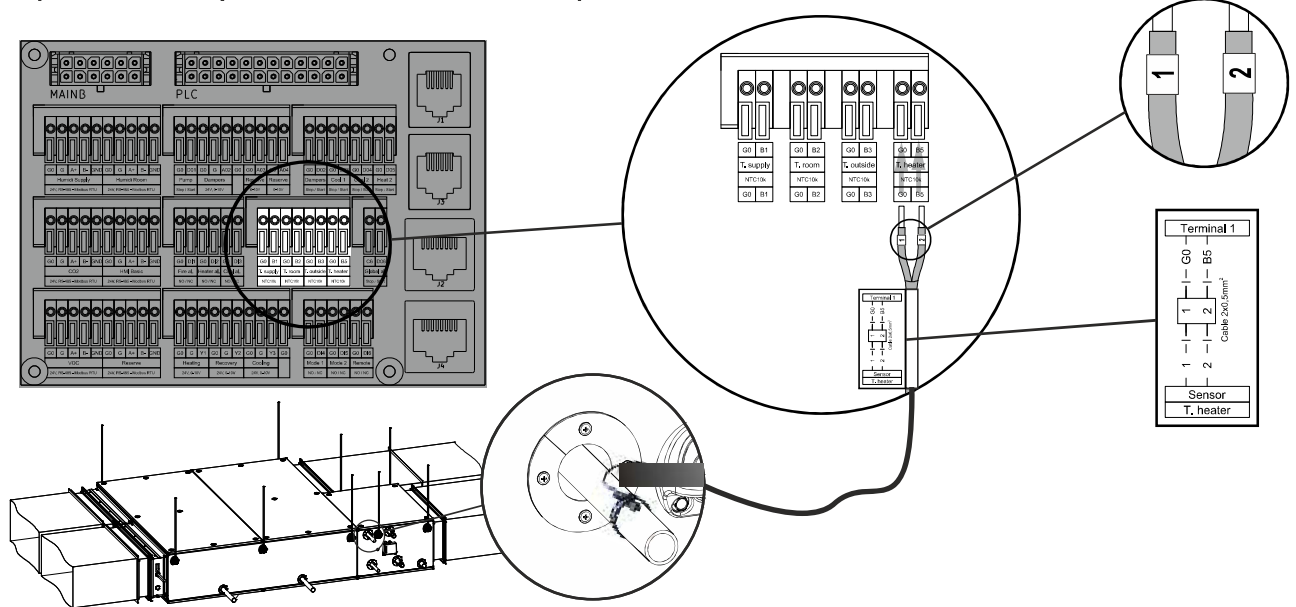
#### 4 Duct temp. sensor ater PreHeater



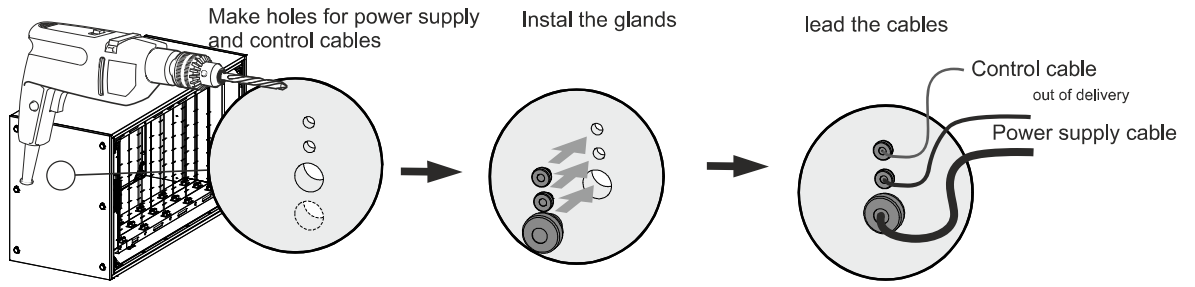
#### 5 Circulation pump power supply



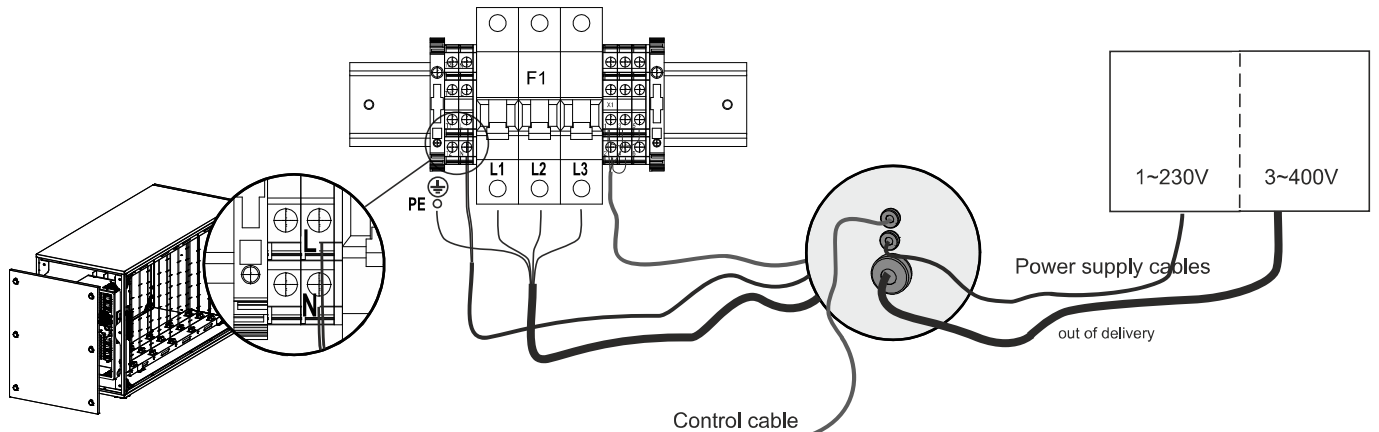
#### 6 Optional strap-on return water temperature sensor



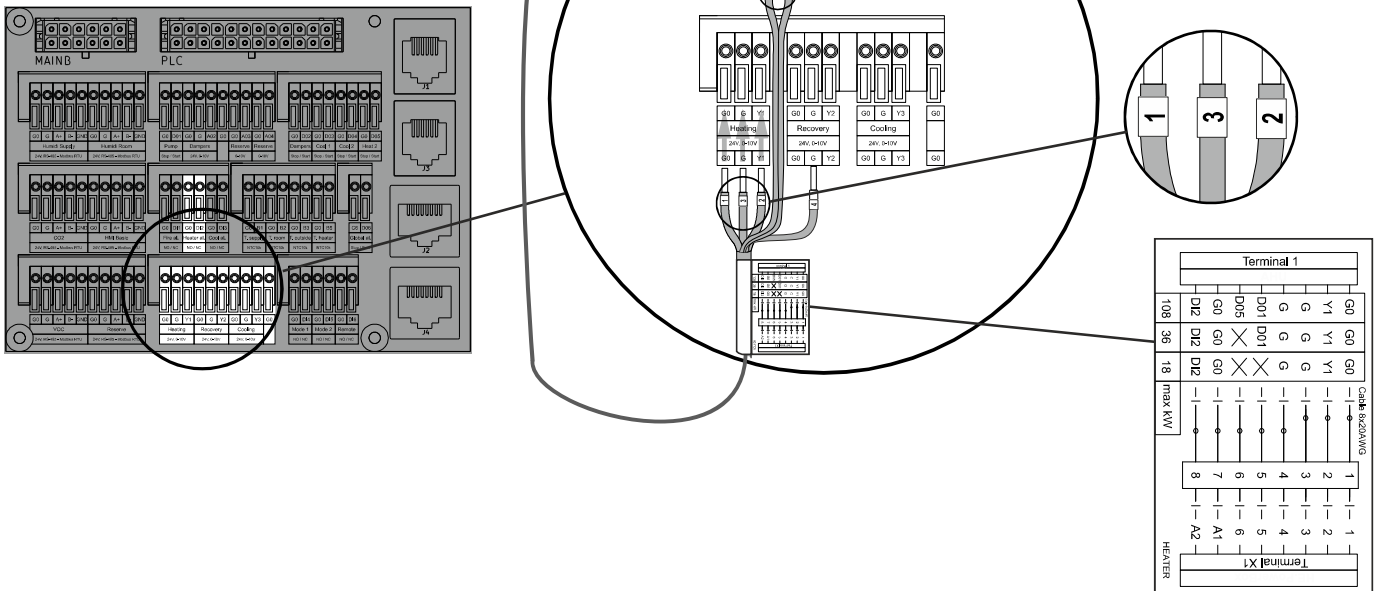
## 7 Electric heater



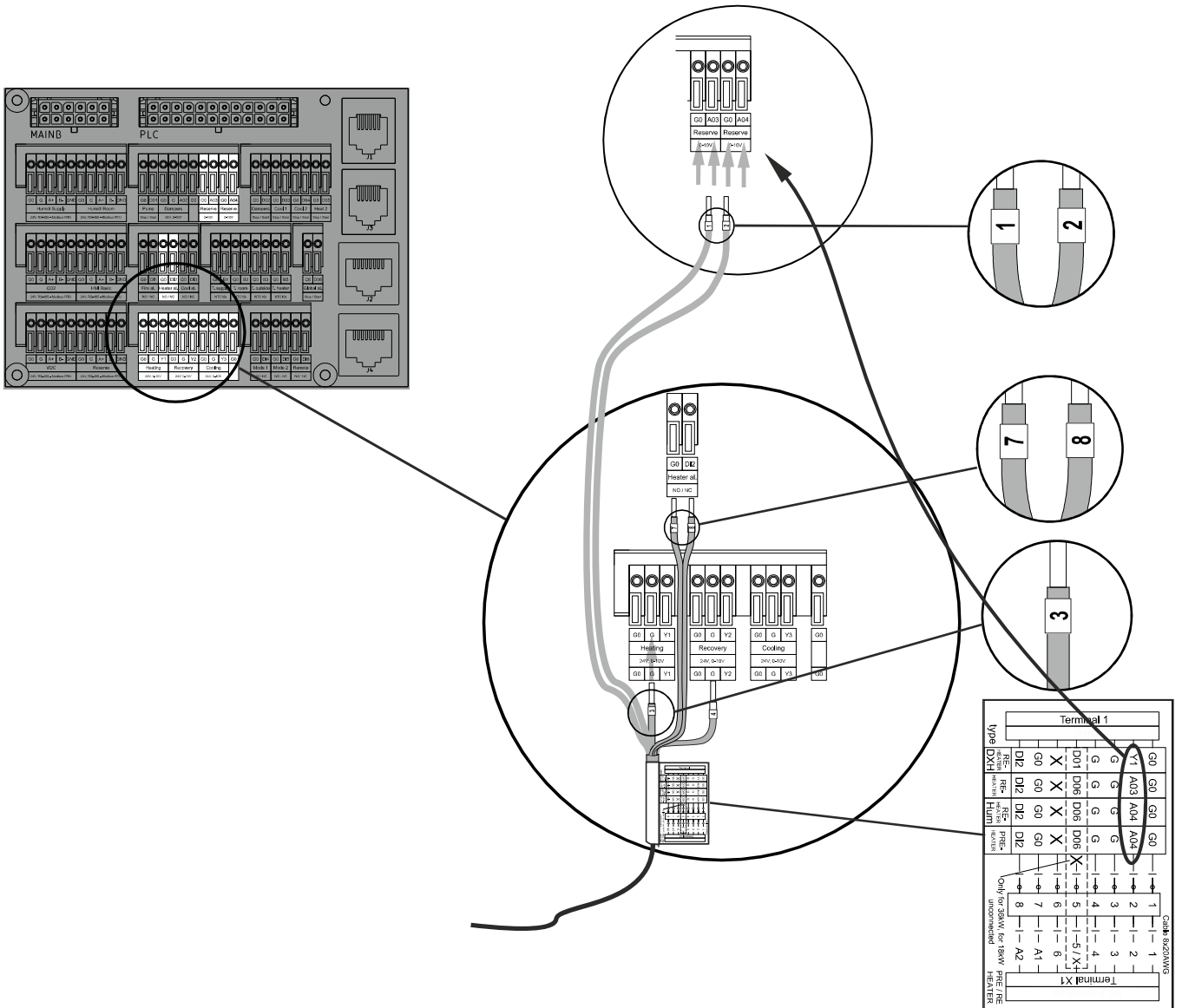
### 7a The power supply cable



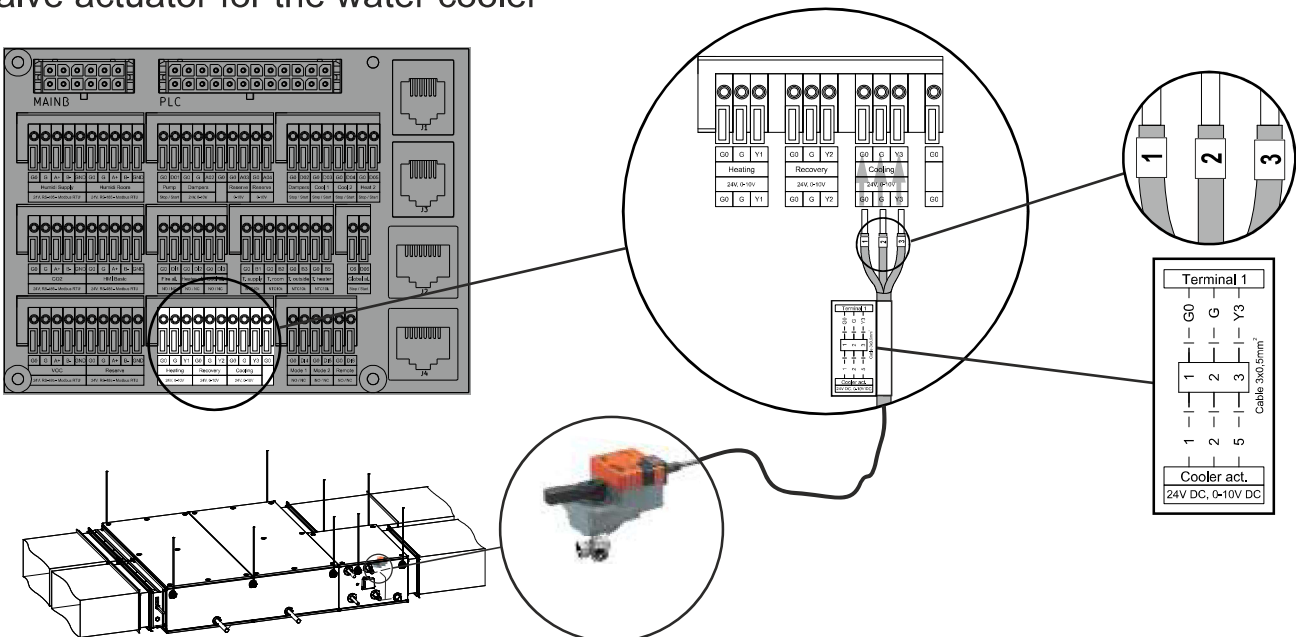
### 7b Control cable HE main



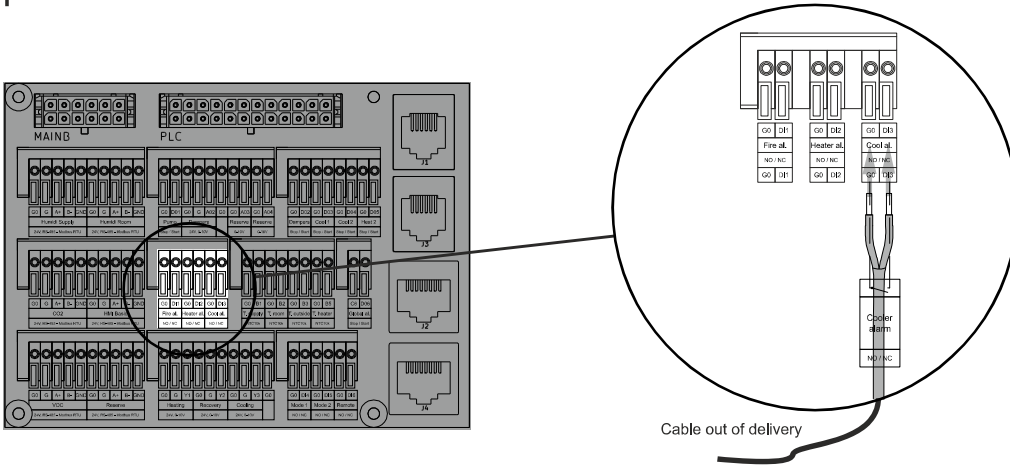
## 7c Control cable PreHeater / ReHeater



## 8 Valve actuator for the water cooler

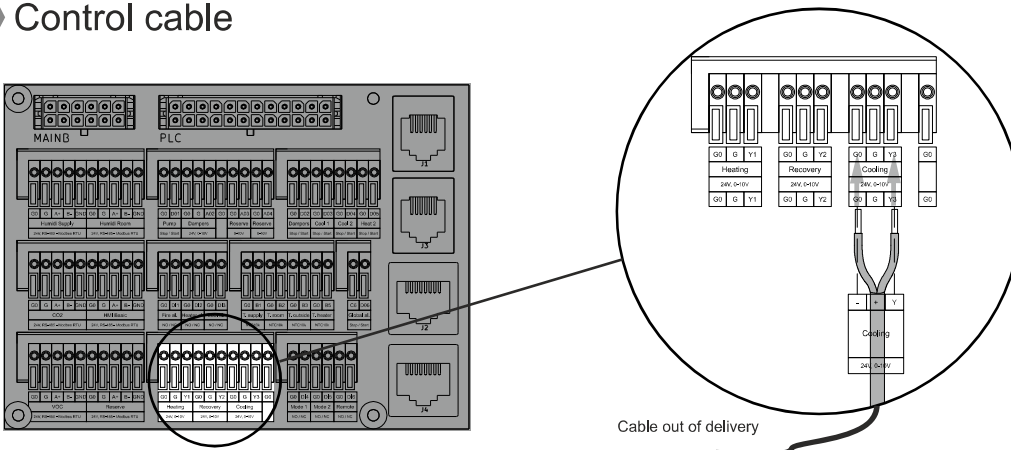


## 9 Optional water or DX cooler alarm

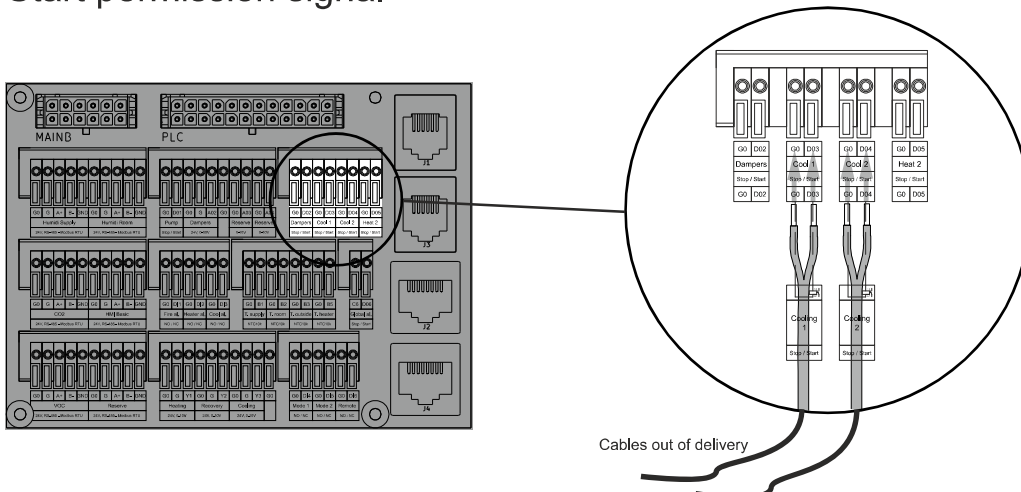


## 10 DX cooler

### 10a Control cable



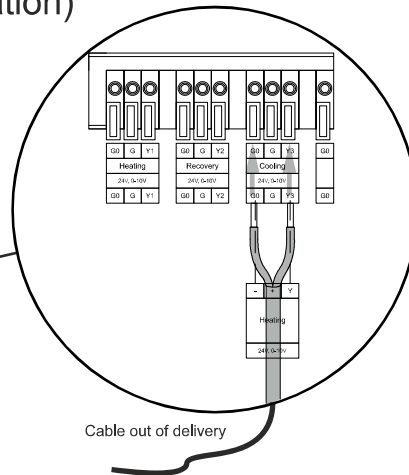
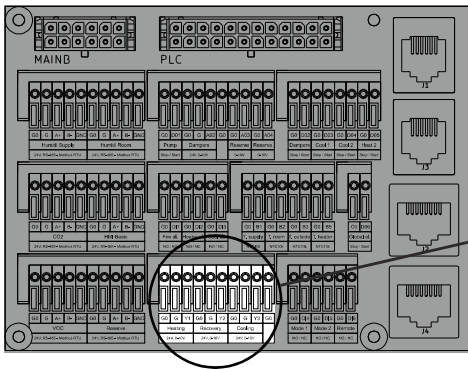
### 10b Start permission signal





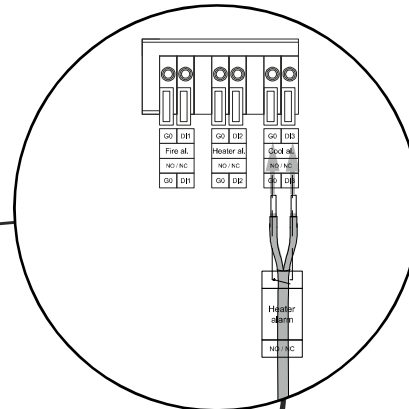
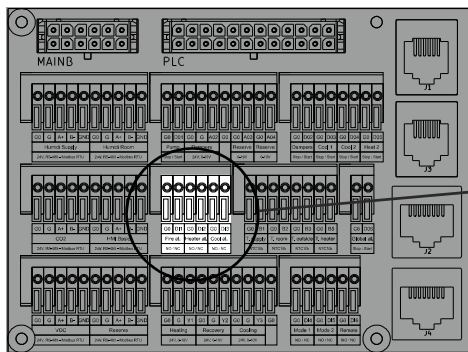
# 11 DX heater

## 11a DX Heater / Cooler (Reversible operation)



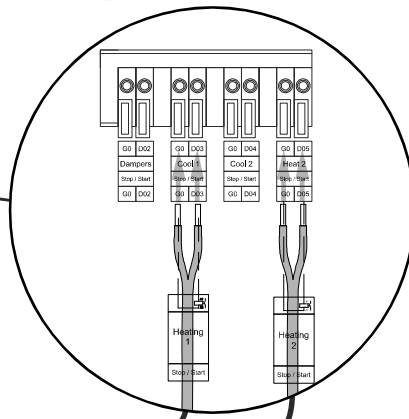
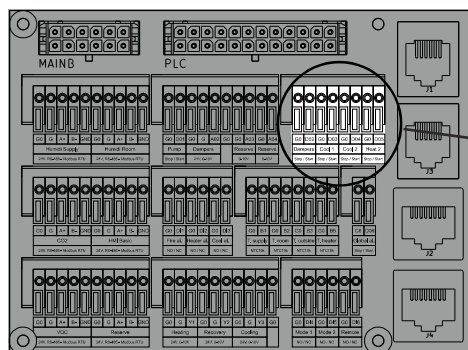
Cable out of delivery

## 11b DX heater alarm



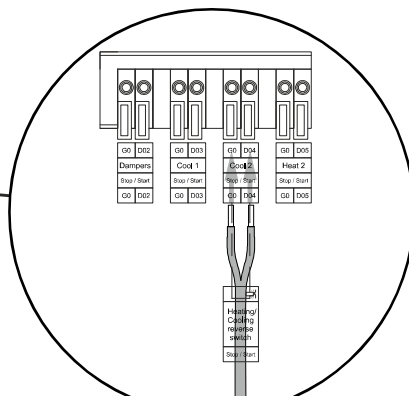
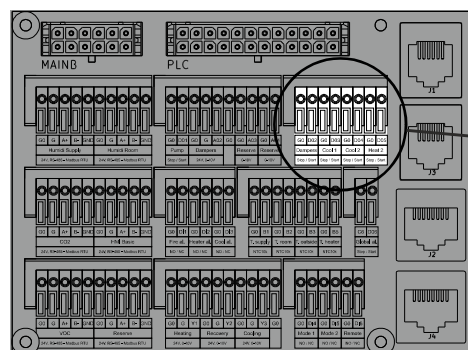
Cable out of delivery

## 11c Start permission signal



Cable out of delivery

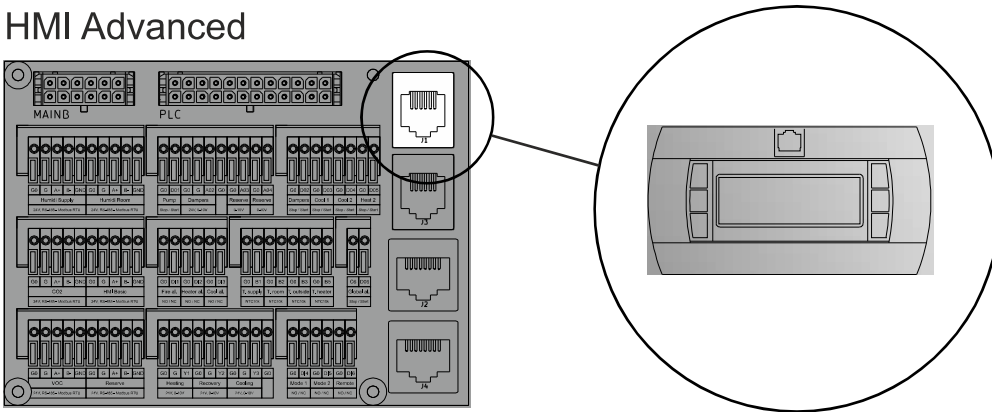
## 11d Heating / cooling switch signal



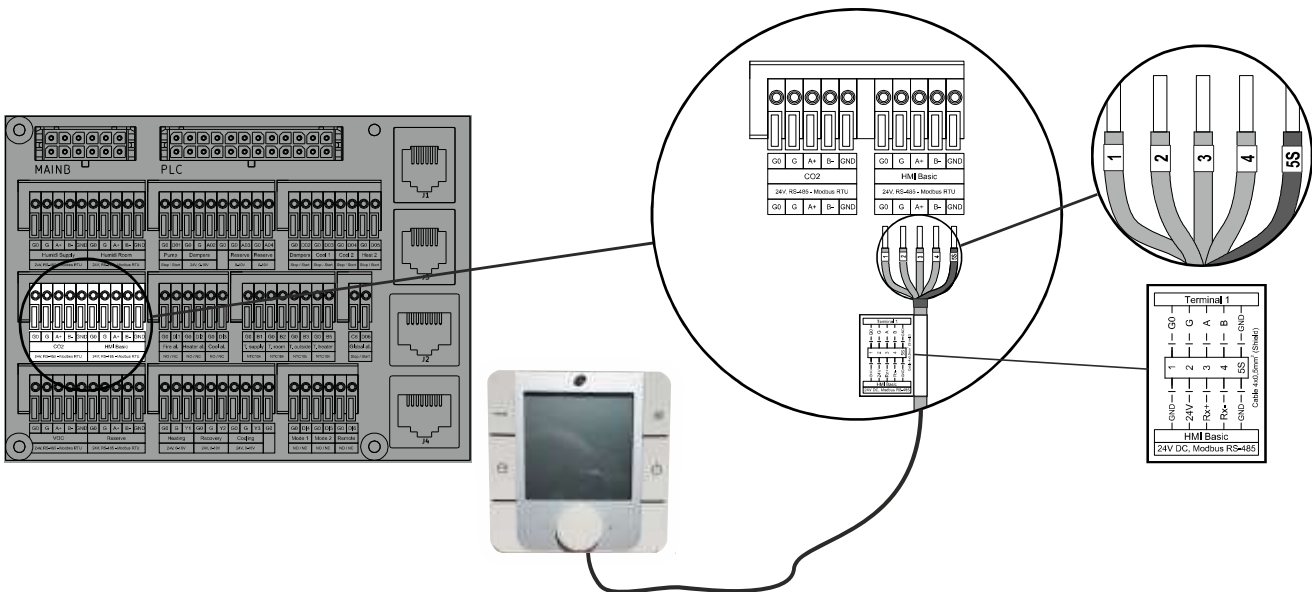
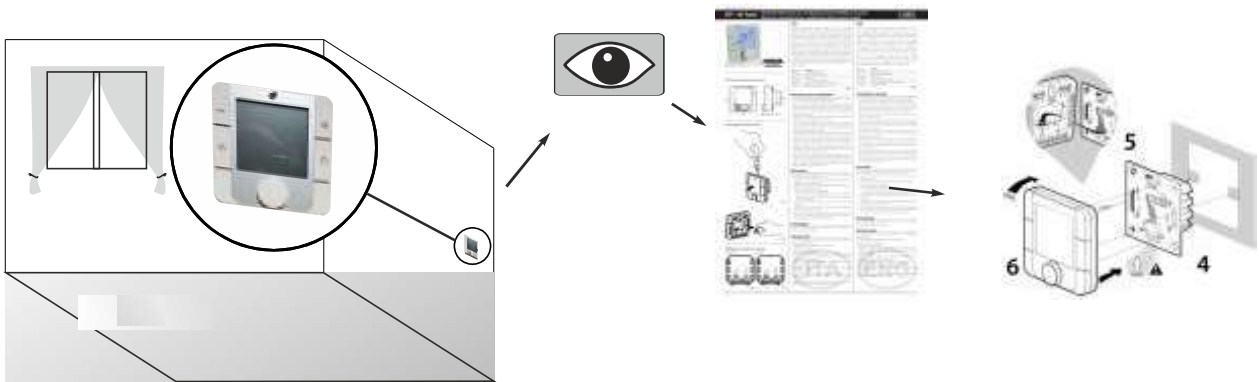
Cable out of delivery

## 12 Connection of the optional elements

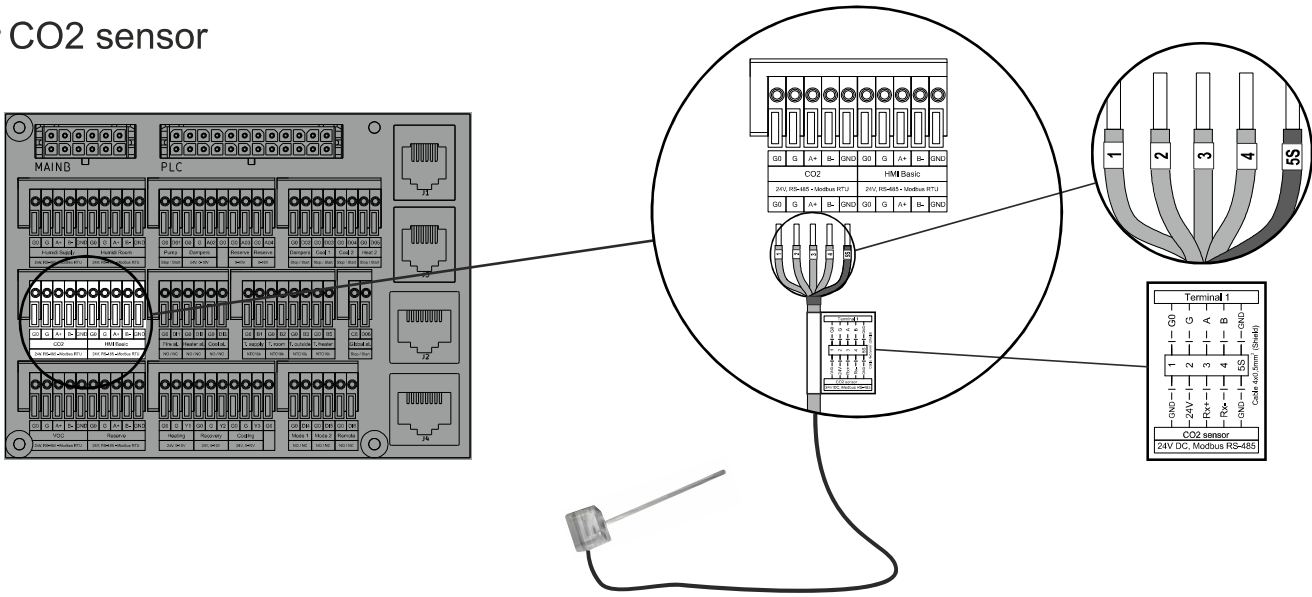
### 12a HMI Advanced



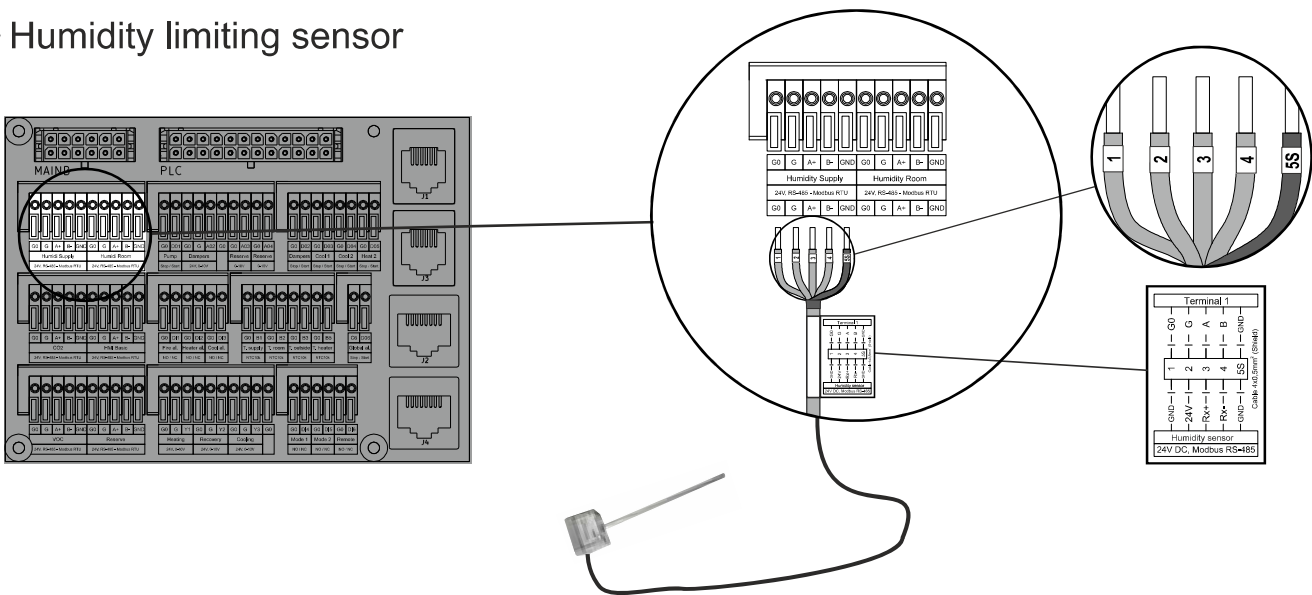
### 12b HMI Basic



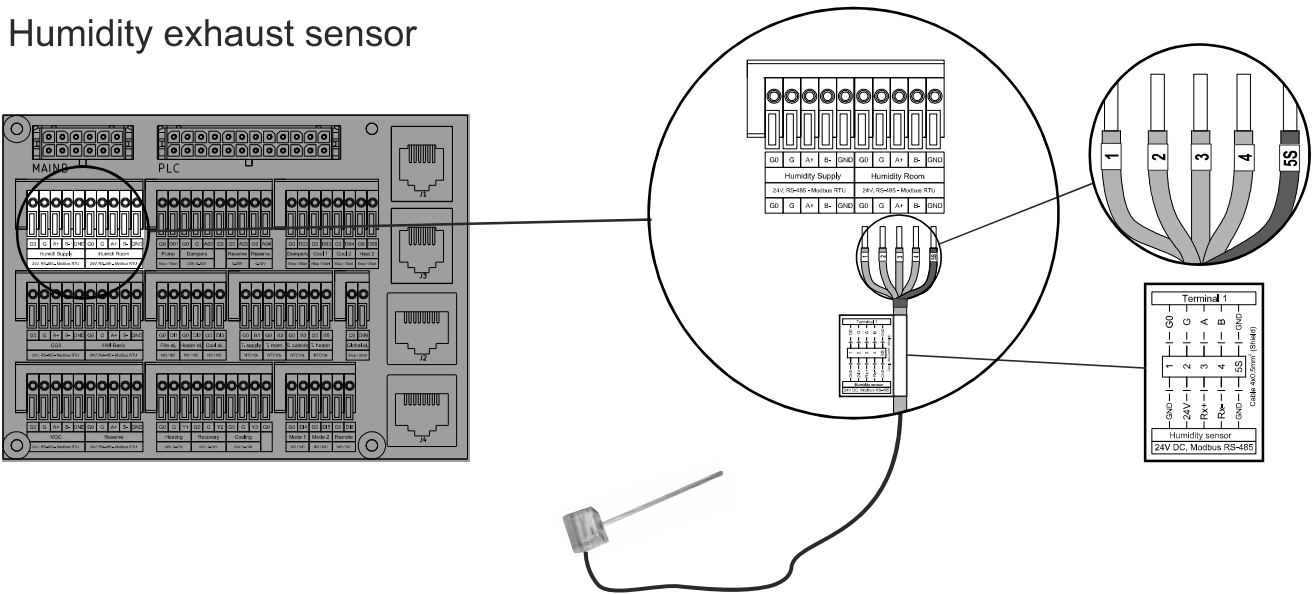
### 12c CO2 sensor



### 12d Humidity limiting sensor



### 12e Humidity exhaust sensor



### 13 Power connection

