I/O APPLICATION EXAMPLE WITH PROXIMA CU

pd PRODUAL

measure-be sure.

Alarm 1	Alarm 2	Alarm 3	Alarm 4	Alarm 5	Alarm 6
1	2	3	4	5	6

C1	CC	C2

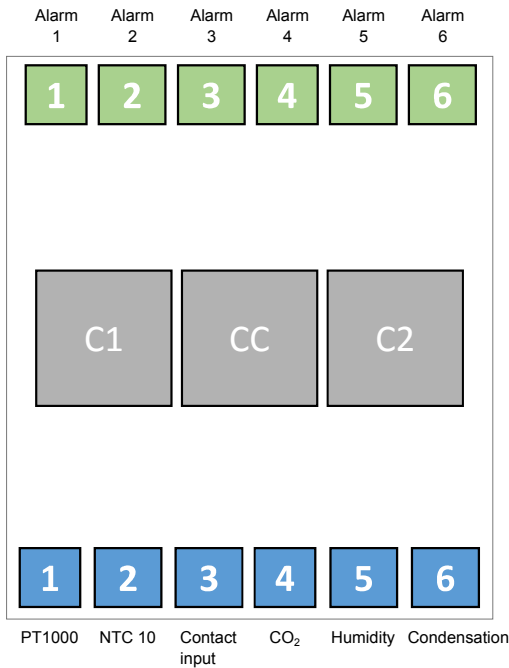| 1	2	3	4	5	6
PT1000	NTC 10	Contact input	CO_2	Humidity	Condensation

Output settings

Alarm 1 = High water temperature, 0 V = normal temp, open circuit = high temp
Alarm 2 = High air temperature, 0 V = normal temp, open circuit = high temp
Alarm 3 = Window contact alarm, 0 V = closed window, 10V = open window
Alarm 4 = High CO_2 level, 0 V = high CO_2, 10 V = normal CO_2
Alarm 5 = High relative humidity, 0 V = high humidity, 10 V = normal humidity
Alarm 6 = Condensation/wet floor alarm. 0 V = wet contact, 10 V = dry contact

Input settings

1 = PT1000 water temperature sensor
2 = NTC10 air temperature sensor
3 = Window contact or other type of switching contact.
4 = CO_2 transmitter 0...10 V
5 = Humidity transmitter 0...10 V
6 = Condensation sensor or wet floor sensor

This application example is just to show different uses with Proxima CU, when not using the control functions. Values are read by BMS system, via Modbus RTU or Modbus TCP. Certain levels will trigger alarms on the outputs.

Alarms

Alarm activates after the value of the input is over the given limit.
The alarms deactivates after the value of the input is under the given limit.
Alarm outputs can be connected to external relays to trigger sounds or lights.
The inputs can also be set to trigger alarms at low temperatures or at some other values.

Wiring

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Information is subject to change without prior notice.