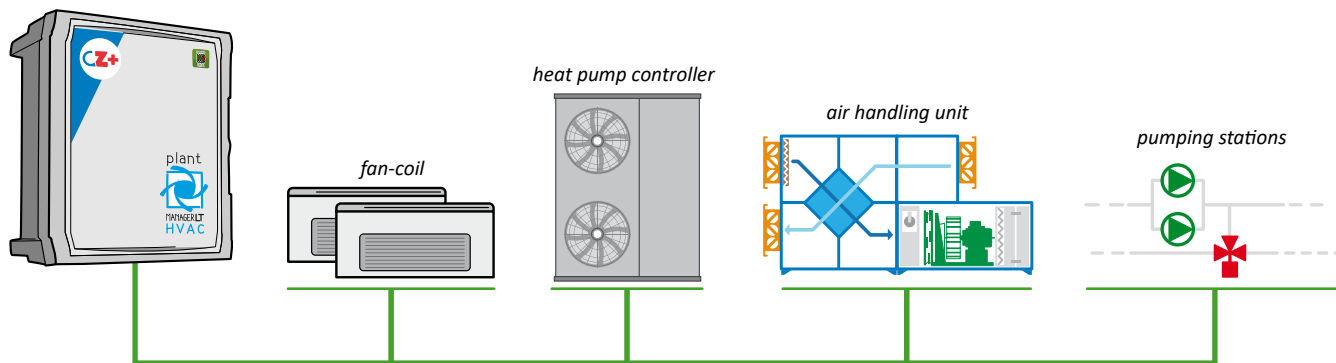


Universal acquisition I/O

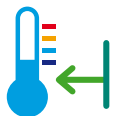
Acquisition of analog and digital inputs and control of analogue outputs 0..10 V and digital relays



Control unit for the **acquisition of digital inputs** (states and alarms) and **generic analogue quantities** (eg temperatures).

It also allows the **control of relays and analogue outputs** 0..10 V for the eventual forcing of external devices.

Available in **stand-alone** version or on **electrical box** equipped with electrical protections and decoupling relays.



TEMPERATURE PROBES ACQUISITION

Acquisition up to 5 analogue inputs for NTC temperature transducers.
Offset correction management and probe failure alarm



DIGITAL INPUTS ACQUISITION

Acquisition of digital inputs (max 2) configurable as status or alarm and in logic (n.o./n.c.)



ALARMS

Alarm management on high and low temperature thresholds and on digital inputs that can be configured with delays and signaling reset differentials



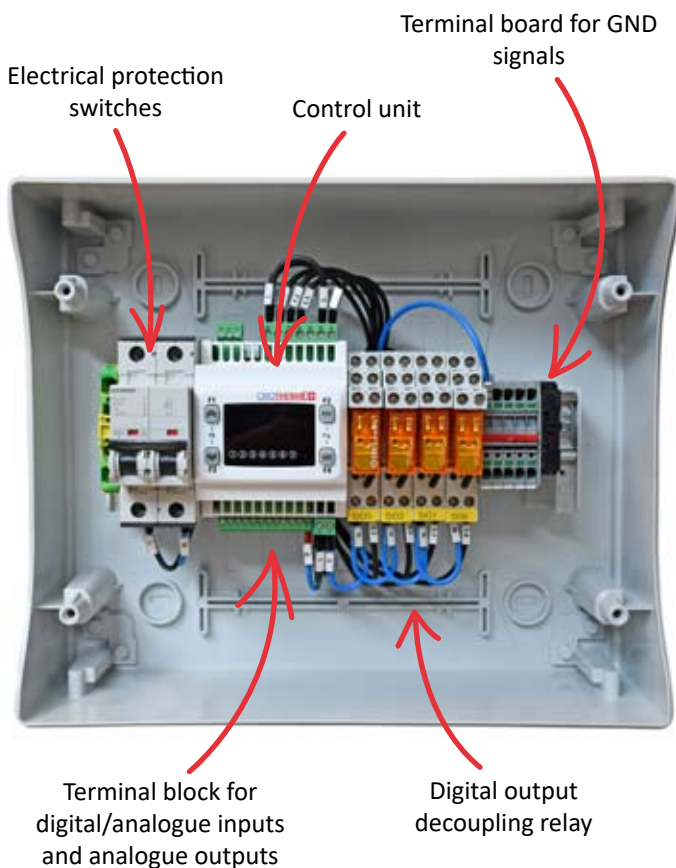
ANALOGUE OUTPUTS

Piloting of analogue outputs 0..10 V (max 3)



DIGITAL OUTPUTS

Control of digital outputs (max 4) with relay



ANALOGUE INPUTS

AI1	Temperature 1
AI2	Temperature 2
AI3	Temperature 3
AI4	Temperature 4
AI5	Temperature 5

ANALOGUE OUTPUTS

AO3	Output 0..10 V - 1
AO4	Output 0..10 V - 2
AO5	Output 0..10 V - 3

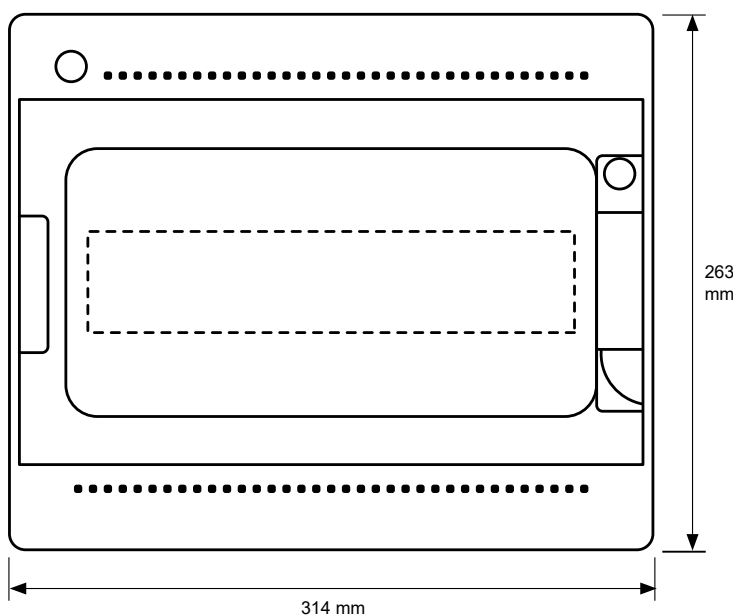
DIGITAL INPUTS

DI1	Generic/alarm status
DI2	Generic/alarm status

DIGITAL OUTPUTS

DO1	Relay output 1
DO2	Relay output 2
DO3	Relay output 3
DO6	Relay output 4

DIMENSIONS



Notes:

- 230 Vac electrical unit/box power supply
- Analogue inputs of NTC type
- Dry contact type digital inputs
- Analog outputs 0..10 V
- RS485 serial connection (MODBUS RTU protocol)