

# COMPACT IO (CIOT)

## Input/Output module

The Compact IO module has inputs and outputs to control, in combination with a Control Unit (TSH or TST), valves and machines of different kinds: mixing valves, circulating pumps, heat pumps, gas boilers, mechanical ventilation, dehumidifiers etc.

One Control Unit can be connected to more CIOTs (up to eight); that way it is possible to have up to 64 "on/off" outputs and 16 "0-10V" outputs, all managed by the same Controller.

It is possible to have several Control Units in the same building, which will all be grouped together by the Termogea software.

All single inputs and outputs are accessible remotely via the cloud and the WEB interface to give real time services and manage buildings from a remote office or from a mobile device (smartphone/tablet).

The CIOT can be mounted on a DIN rail.



### TECHNICAL SPECIFICATIONS

Product Code	CIOT
Power supply	24V DC or 24V AC
N° Relays	8
N° Analog outputs	2 (0V-10V)
N° Digital inputs	2
N° Temperature sensor inputs (1-wire interface)	3
Relay functional limits	250V AC/5A o 24V DC/5A
Environmental functional limits	Temperature between -20°C and 50°C
Store between	Temperature between -20°C and 50°C
Mounting	DIN rail 46277
Communication protocol	Modbus RTU (RS485)
Protection	IP20
Dimensions	4 DIN modules
Dimensions	72 x 95 x 58 mm