

Caleon Room Unit

Main Features	
Description	room unit with touchscreen
Application	sensing temperature and humidity in a room; setting desired temperature directly in the room
Installation	on a wall, 120-160 cm above the floor; install out of reach of direct sunshine and in sufficient distance from windows; do not install near heat sources
Code	17150



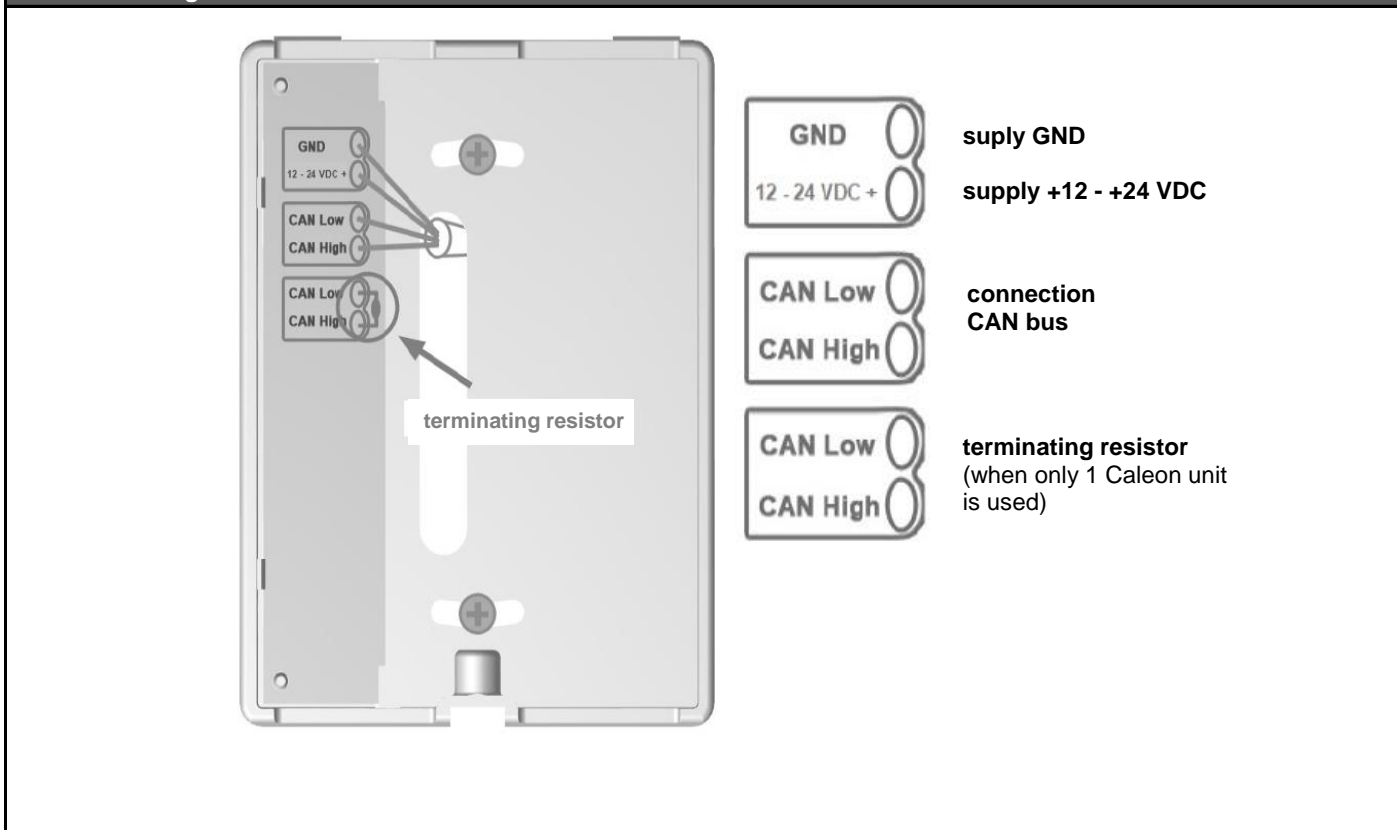
Electric Data	
Power supply	12-24 VDC ± 10 %
Consumption	0.5 W to 1 W
IP rating	IP 20
El. protection class	III
Connection	CAN-Bus

Displayed temperature range	
Room temperature	0-60°C, ±1°C accuracy, resolution 0.1°C
Room humidity	0-100%, ±6% accuracy, resolution 0.1%

Ambient Conditions	
Operating temperature	0 - 50 °C, no moisture condensation
Storage temperature	0 - 60 °C, no moisture condensation

Other Data	
Casing dimensions	75 x 95 x 19 cm (width x height x depth)
Casing material	ABS
Casing colour	white
Display	colour touchscreen, 7 cm diagonal
Clock	real time, 24 hour backup

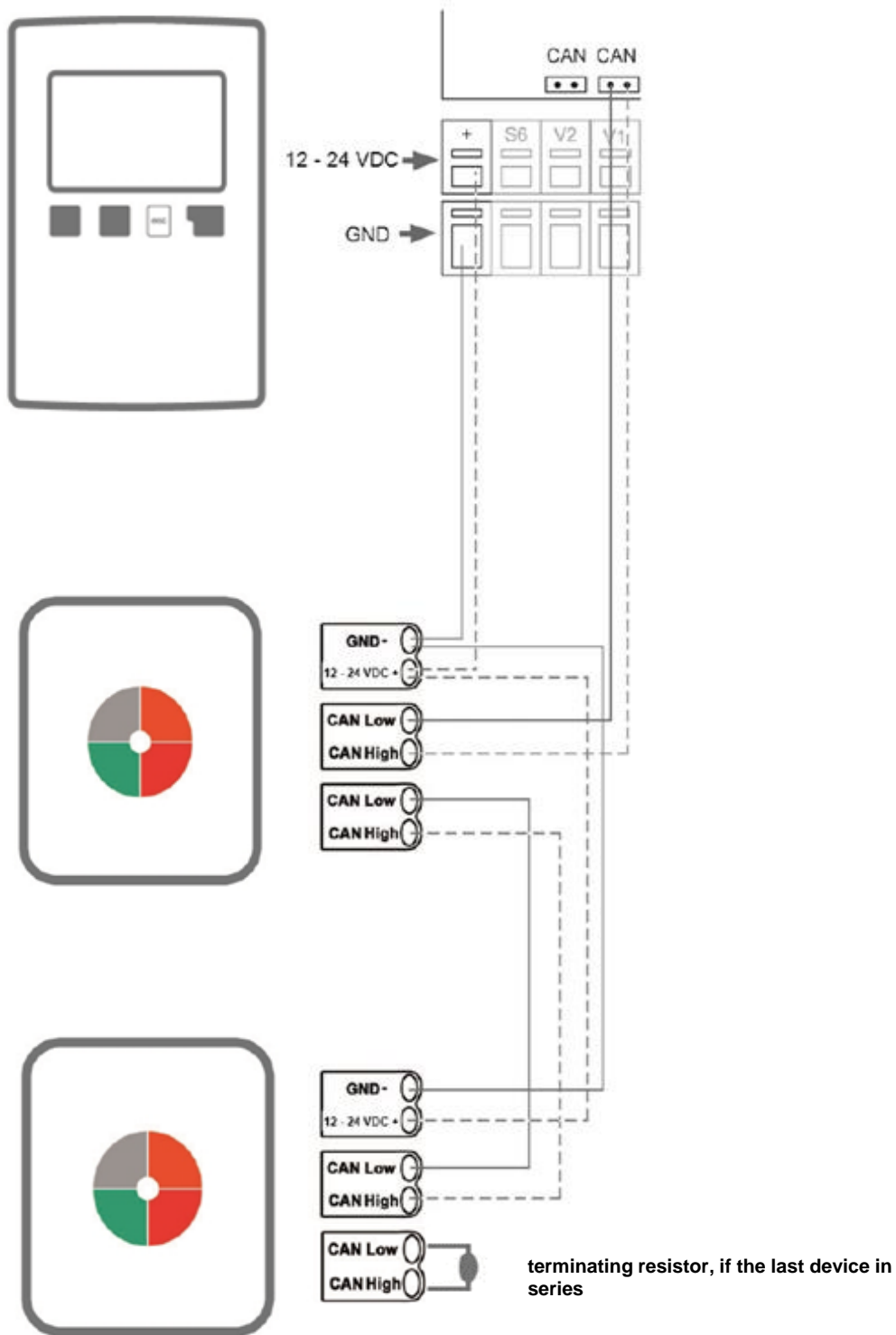
Electrical Wiring



Caleon Room Unit

Example of possible connection of Caleon Room Unit to a Controller

This example of wiring diagram is valid for connecting two Caleon Room Units to a Controller (e.g. to TRS6 K; code 16821). Devices on a CAN bus shall be wired following a line topology, the last device shall be fitted with a terminating resistor.



Caleon Room Unit meets the requirements of the following EU Directives:
Directive 2014/35/EU - Electrical equipment designed for use within certain voltage limits; Directive 2014/30/EU - Electromagnetic compatibility