

ThermoPad

Communicating touch screen control panel for HVAC applications

*ThermoPad is a new touch screen control panel for air conditioning and heating purposes. It's "flat with the wall" design and full compatibility with different **Bticino** and **Gewiss** plastic covers makes it very convenient and flexible for any interior design. The built in temperature sensor and different communication functions enable connecting the ThermoPad to any home or industrial control systems.*



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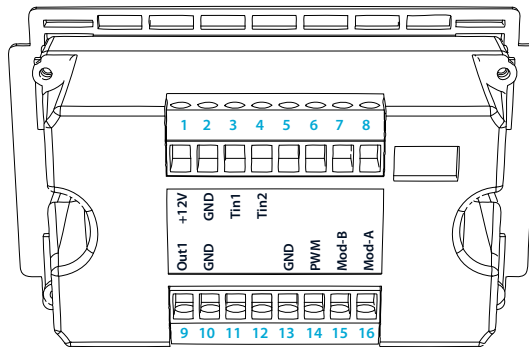
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SPEC

Height:69 mm
 Width:159 mm
 Depth:46 mm

Power Supply: 6.5-12V DC
 Power Consumption:25mA
 Operating Temperature:-10 +60°C
 Temp Sensor Accuracy:±1°C
 Set-point Range:.....variable
 VOUT1 high, VPWM high:VIN-0.7V
 VOUT1 low, VPWM low:0V
 Current OUT1, PWM (Max): 40mA each
 Opt. External Temp. sensor: . .10k ±1%
 Digital I/O:5V/1mA



[back view]

Wiring table

1	+12v	Power Supply
2	GND	
3	Tin1	External Temp. Sensor
4	Tin2	
5	DIG	Digital input/output
6	Gnd	
7	----	Optional programmable input/output
8	----	
9	Out1	ON/OFF / PWM output
10	Gnd	
11	----	Optional programmable input/output
12	----	
13	Gnd	PWM / ON/OFF output
14	PWM	
15	Mod-B	Communication terminals
16	Mod-A	



6 Selectable operation modes:

- Cool
- Heat
- Auto
- Dry
- Fan
- Auxiliary Heat



4 Selectable fan speeds:

- High
- Medium
- Low
- Auto
- Swing function

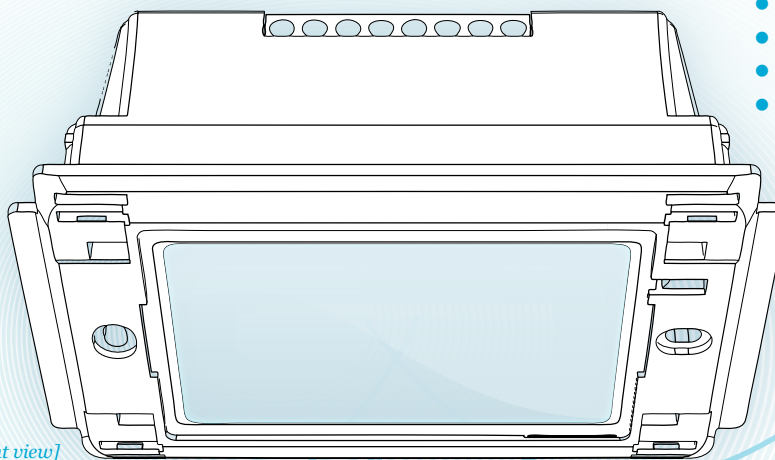


Weekly timer
Auto sleep



Backlight Colors:

Green & Blue
(option for other colors)



[front view]



Controllable Digital and
Analog I/O, PWM outputs.



Communication:
ModBus RTU

Future options:
EIB, C-Bus, Zigbee



IR Remote Control



Leave Home



Selectable Error
code display