

Simple Panel

MODEL	DESCRIPTION
iSMA-B-SP	Wall panel with a potentiometer and built-in temperature sensor



APPLICATION AND USE

SP is a wall panel with a potentiometer and one function button. Additionally, the panel has a built-in temperature sensor. The device is designed as a low-cost and simple solution. Its compact size and clear style is friendly to architects and building owners. This device is ready to use with the FCU controllers without a need of any configuration. Additionally, the panel allows to adjust basic parameters such as a temperature setpoint or FCU controller working mode. The current status of this last parameter is indicated by a built-in LED diode. In effect, these two devices create a cost-effective solution for comfort and energy saving.

FEATURES

- Built-in temperature sensor
- 1 function push button, for example, for occupancy mode activation
- Simple and easy-to-use setpoint adjustment method
- Compact size
- Universal visual design fits into many applications
- Surface mounting (with or without the use of standard electric box – 60 mm/2.3622 in)
- Changing basic parameters with FCU controllers without any additional configuration

TECHNICAL SPECIFICATION

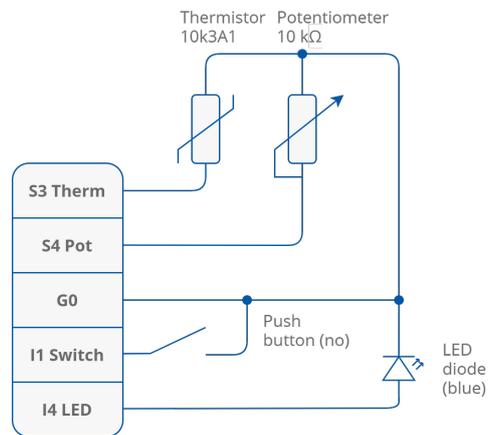
DESCRIPTION		SP
Built-in sensors	Temperature sensor	Type: 10k NTC Range: 0-50°C (32-122°F) Accuracy: +/- 0.5°C (0.9°F) Resolution: +/- 0.1°C (0.18°F)
Potentiometer	Potentiometer	Type: 10k, linear Range: 0-10 kΩ Tolerance: ±20%
Push button	Push button	Monostable, normally open, max. 50 mA
LED diode	Waterclear blue	5 mA (diode without resistor, for more than 3 V external resistor required)
Connectors	Screw connectors	5 screw connectors, max 2 mm/0.0787 in
Ingress protection	IP rating	IP 20 for indoor installation
Temperature	Storage	-40°C to +85°C (-40°F to +185°F)
	Operating	0°C to +50°C (32°F to 122°F)
Humidity	Relative	5 to 95% RH (without condensation)
Housing	Material	Self-extinguishing plastic (PC/ABS)
	Mounting	Surface mounting (with or without standard electric box 60 mm)

The performances stated in this sheet can be modified without any prior notice.

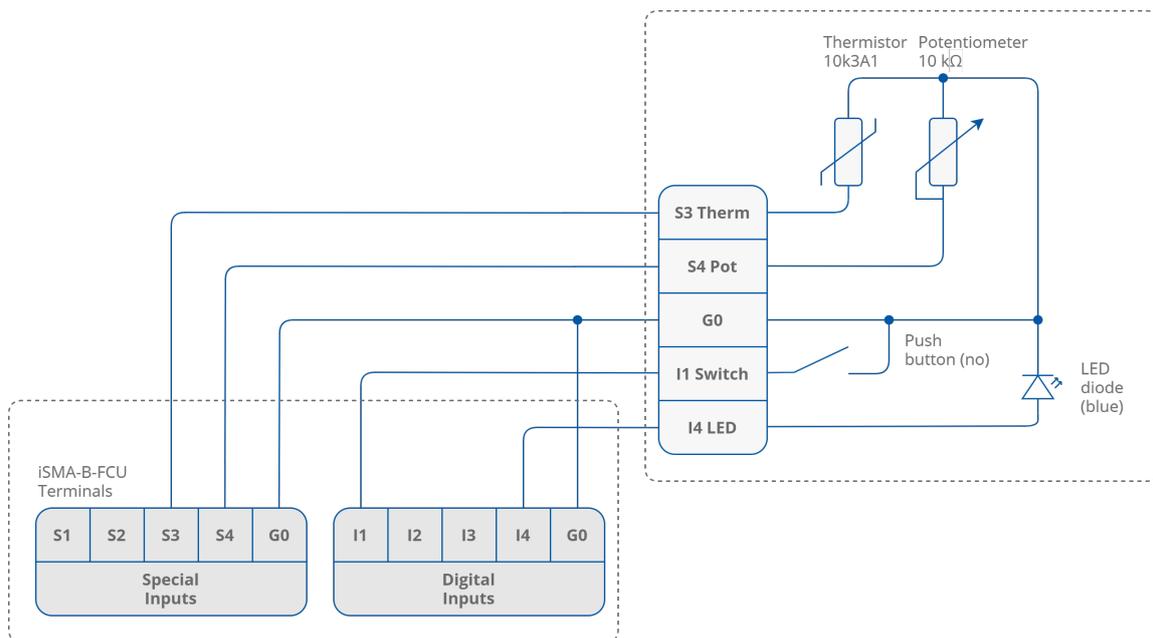
DESCRIPTION		SP
Dimensions	Width	70.70 mm/2.78 in
	Length	70.70 mm/2.78 in
	Height	27.00 mm/1.06 in

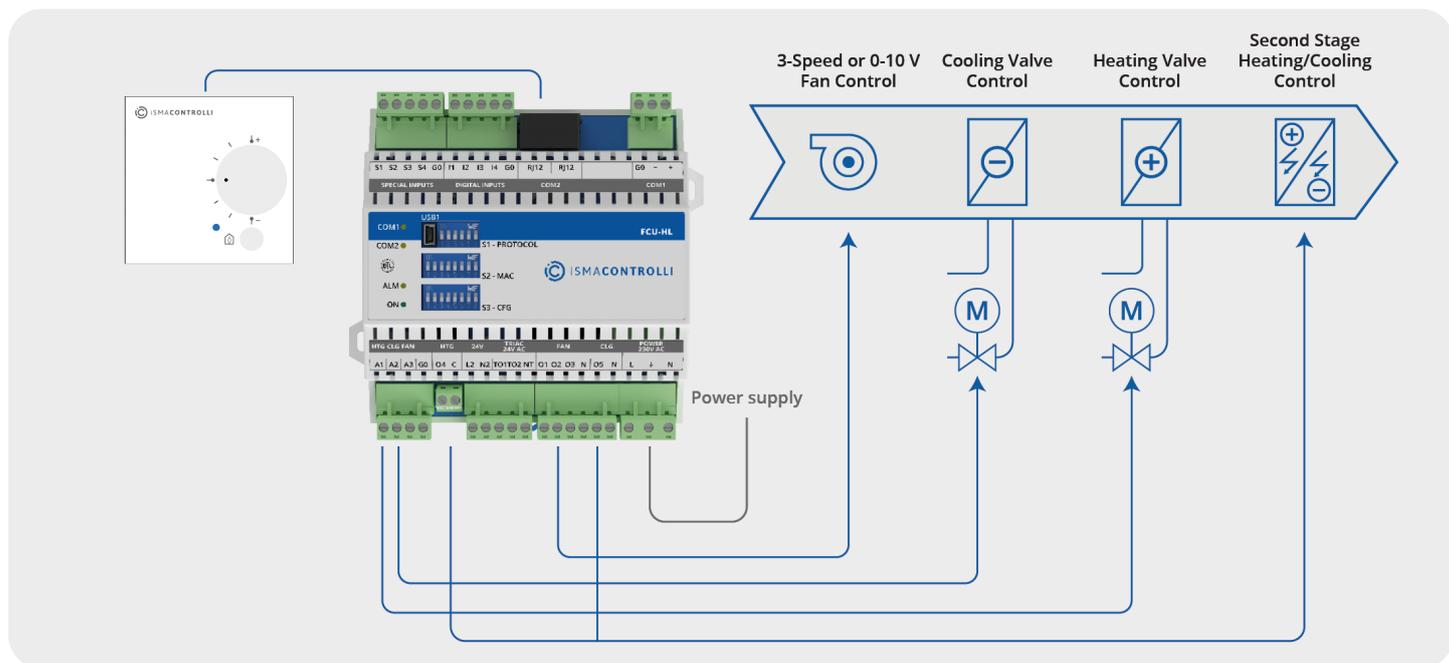
WIRING DIAGRAMS

Internal connections



Connection to the FCU controller





DIMENSIONS [mm]

