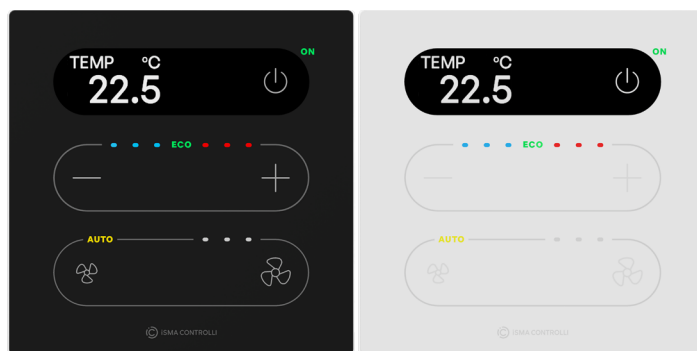


MODEL	DISPLAY	SENSORS		
		TEMPERATURE	CO ₂	HUMIDITY
TP-DISP-B/W-2*	•	•		
TP-C-DISP-B/W-2*	•	•	•	
TP-H-DISP-B/W-2*	•	•		•
TP-HC-DISP-B/W-2*	•	•	•	•

*B/W: all panels are available in black or white, which is reflected in the B (black)/W (white) letter of the product code, e.g., TP-H-DISP-B-2 or TP-C-W-2.



APPLICATION AND USE

The Touch Point 2.0 is a modern room operating unit supporting Modbus RTU/ASCII and BACnet MS/TP communication protocols. Optimized for room comfort control applications, the panel combines intuitive operation with elegant design for modern interiors. Available in different configurations of built-in sensors (temperature, CO₂, and humidity), and colors, all versions are equipped with a display and capacitive touch interface. The panel can be configured using the iSMA Configurator software or via Modbus registers/BACnet objects. Thanks to the Smart Plug™ interfaces, installation is fast and simple, while daisy-chain connectivity ensures flexible system expansion. The device fits most standard European junction boxes and can be easily installed using a wall back box.

FEATURES

- Designed to fit any interior with an elegant black or pure white glass front
- Intuitive management with touch buttons
- Ease of configuration with a free iSMA Configurator app and USB-C connection
- 2 Smart Plug™ connectors, combining serial communication and power supply in a single RJ45 port
- 1 screw connector for direct RS485 and power supply
- Daisy-chain support
- Directly powered from controllers supporting Smart Plug™
- Flexible sensors configurations with temperature, humidity, and CO₂ sensors
- Open communication with Modbus RTU/ASCII and BACnet MS/TP, selectable with a DIP switch
- Alarm functionality for high CO₂ levels
- Freely configurable RGB LED
- Flush wall box 60 mm, US 1-gang electrical outlet box

TECHNICAL CHARACTERISTICS

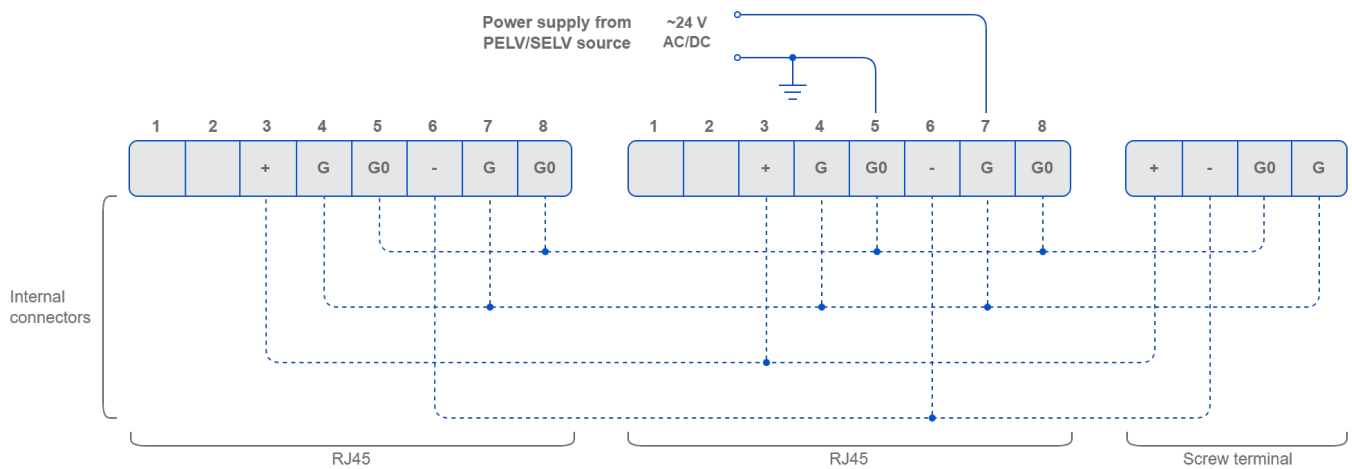
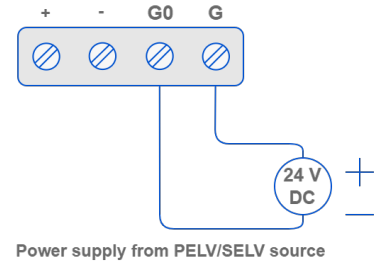
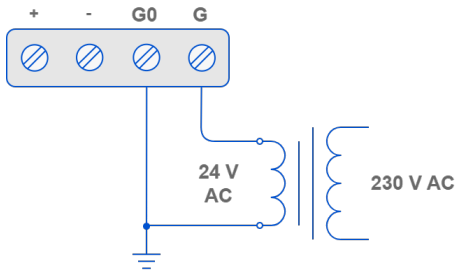
DESCRIPTION		TOUCH POINT 2.0
Power supply	Voltage	DC: 20-40 VDC, AC: 24 V AC ± 20%
	Power consumption	0.6 W at 24 VDC, 1.9 VA at 24 V AC
Built-in sensors	Temperature sensor	10k NTC type, range: 0-50°C, accuracy: ± 0.5°C, resolution: ± 0.1°C
	Humidity sensor (applies to version with humidity sensor)	Range: 0-100% RH, accuracy: ± 2% RH in range 10-90% RH, resolution: ± 0.1% RH
	CO ₂ sensor (applies to version with CO ₂ sensor)	Range: 400-2000 ppm, accuracy: 50 ppm + 5% of reading
COM1	RS485 interface	Up to 128 devices Half-duplex
	Communication protocols	Modbus RTU/ ASCII, BACnet MS/TP
	Ports	2 Smart Plug RJ45 + screw connector
	Baud rate	2400-115200
USB1	Type	USB type C

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

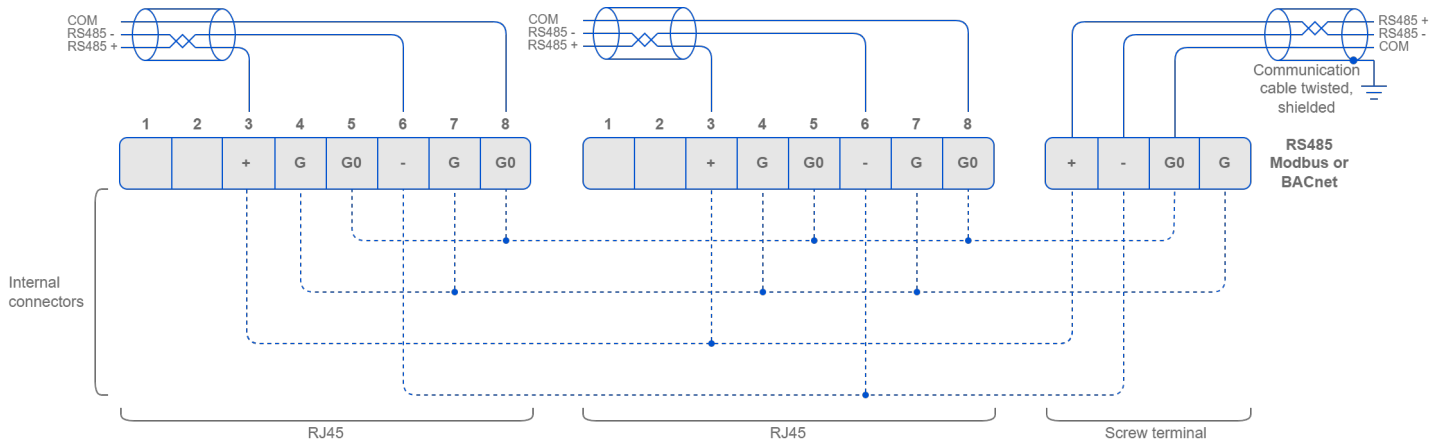
DESCRIPTION		TOUCH POINT 2.0	
Front panel	Surface	White/black glass	
	Display (applies to version with display)	TFT 0.96"	
	Backlight	3 intensity modes	
	Buttons	5	
	LED		3 blue, 3 red for temperature
			3 white for fan, 1 yellow for fan auto mode
		1 green for occupancy	
		1 green (configurable, ECO)	
		1 navigation (configurable RGB)	
Ingress protection	IP rating	IP20 for indoor installation	
Temperature	Operating	From 0°C to +40°C	
	Storage	From -40°C to +70°C	
Humidity	Relative	From 5% to 95% RH (without condensation)	
Screw connector	Type	Removable screw terminals	
	Maximum cable size	1.5 mm ² (24...16 AWG)	
Housing	Material	Plastic, self-extinguishing ABS	
	Mounting	Standard 60 mm wall back box	
Dimensions	Width	86.00 mm/3.39 in	
	Length	86.00 mm/3.39 in	
	Height	14.80 mm/0.58 in	

WIRING DIAGRAMS

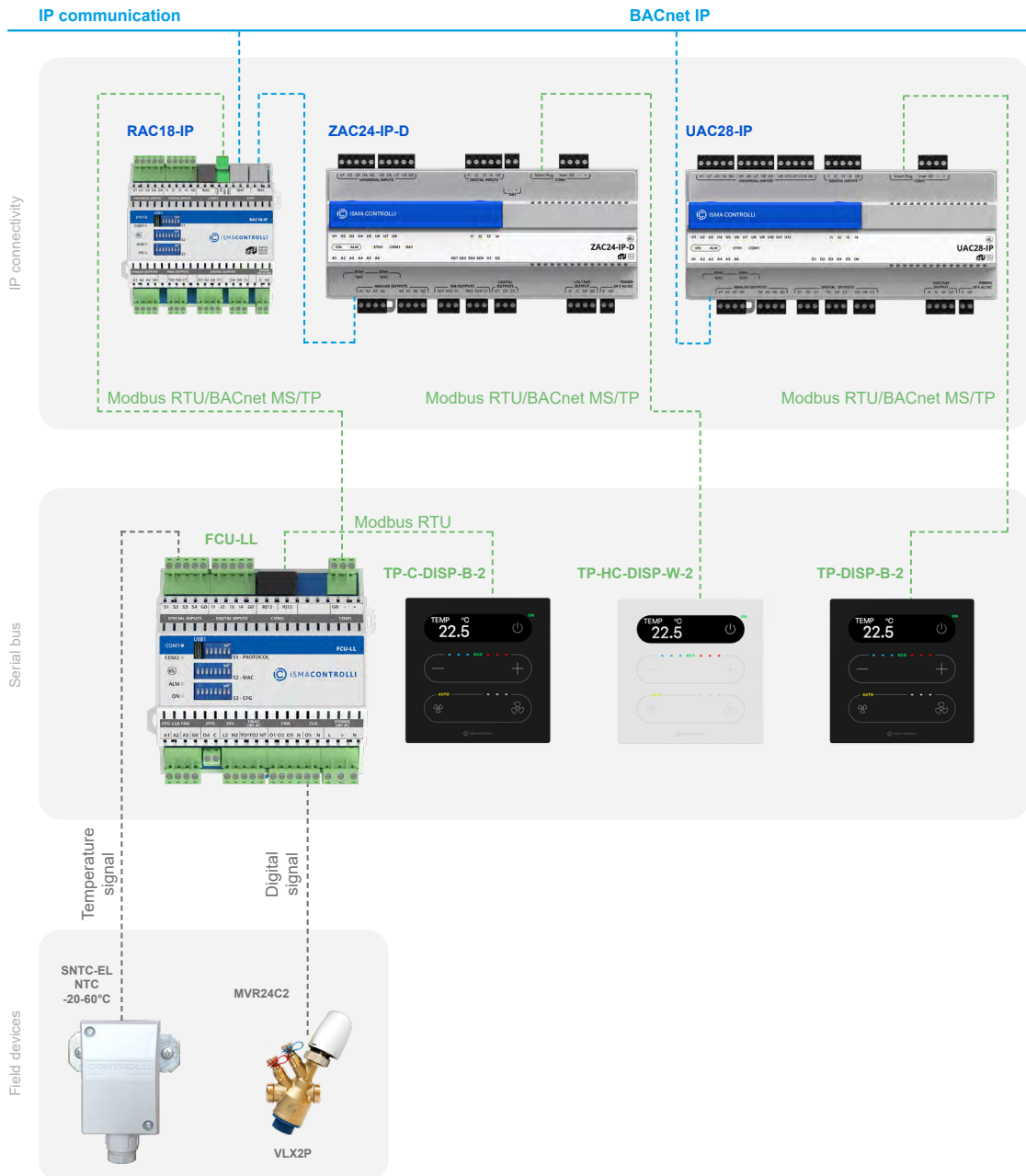
Power Supply



Communication



APPLICATION EXAMPLE





iSMA Configurator - configuration tool for non-programmable iSMA CONTROLLI devices

DIMENSIONS [mm, in]

