

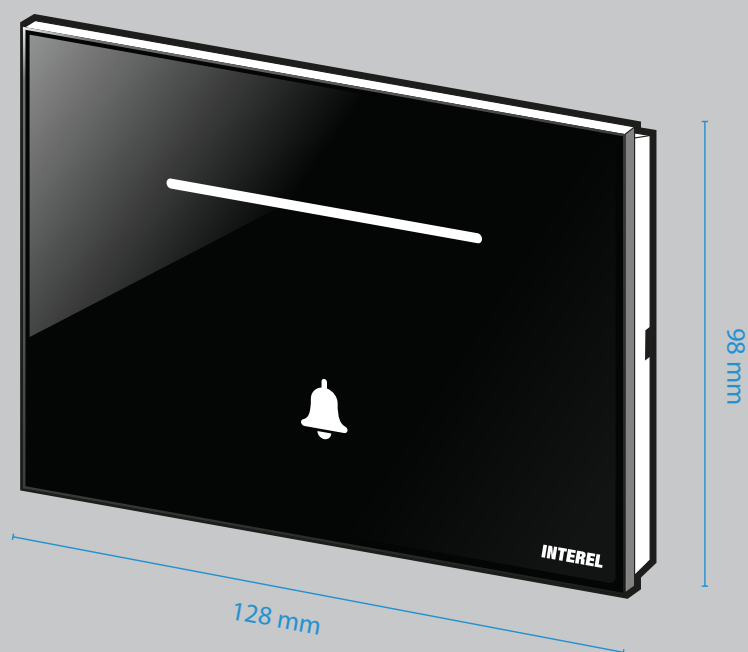


Corridor Panels

Datasheet

IDPG-Qxxx

Datasheet



Features

- Simple installation through extractable clamps
- Displays room status to indicate:
 - a. Privacy request (do not disturb)
 - b. Make - up room request
 - c. Cleaning status (if applicable)
 - d. Room services (custom request)
- Wall mounted glass panel
- Speaker output to connect a bell chime
- Standard design with black background and backlit white icons or status bar; "hidden" option is also available
- Optionally with ceramic-based varnish available*

***Available dimensions:**

- 128x98 mm
- 98x98 mm
- 95x95 mm
- 93x93 mm

** this allows installation in situations where the panel is exposed to environmental conditions that are more demanding than typical indoor environments, however is not suitable for direct exposure to sunlight and water. Silicone isolation must be used for installation, refer to installation manual for more details. This ink is not available in metallic colors."*

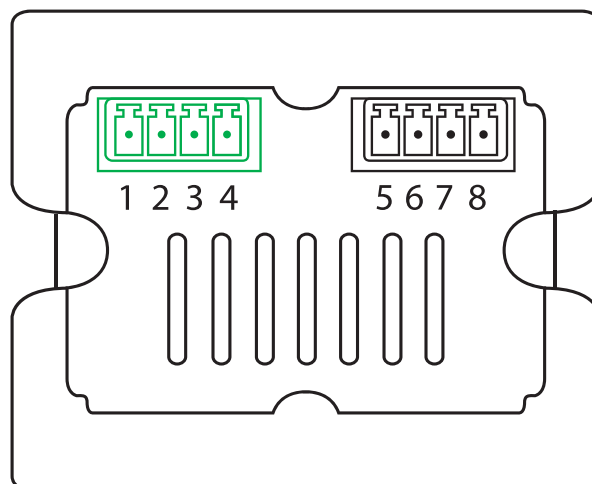
IDPG-Qxx

Overview

	Dimensions	Speaker	Ceramic-based varnish
IDPG-Q1	128x98 mm	✓	-
IDPG-Q5	98x98 mm	✓	-
IDPG-Q6	95x95 mm	✓	-
IDPG-Q9	93x93 mm	✓	-
IDPG-Q1c	128x98 mm	✓	✓
IDPG-Q5c	98x98 mm	✓	✓
IDPG-Q6c	95x95 mm	✓	✓
IDPG-Q9c	93x93 mm	✓	✓

Pin assignment

Pin	1	2	3	4	5	6	7	8
IDPG-Qxxx	+ 12 Vdc	GND	Bus A	Bus B	+ SPK 1	Out -	+ SPK 2	In



backside of panel

IDPG-Qxx

Hidden status bar



Hidden icons



IDPG-Qxxx

Technical data

IO configuration	Digital outputs	1
	Digital inputs	1
	RS485 buses	1
Power supply	Voltage	9–15 Vdc
	Consumption with LEDs Off	70 mA @ 14 Vdc, 1 W
	Consumption with all LEDs On	200 mA @ 14 Vdc, 2.8 W
Output	Digital out voltage range	0–12 Vdc
	Digital out max. current	1 A continuous (for currents above 0.8 A 12 Vdc external use)
	Digital out type	Single On/Off - load connected to GND by Mosfet
	Digital out duty - cycle max.	20 sec/ On, 10 sec/Off (@ 2 A)
Input	Digital input type	P channel Mosfet (active when connected to GND)
	Type of connection	Open drain
RS485	Number of nodes per channel	64 max.
	Termination resistor	To be terminated externally at the last module of the network with resistance starting @ 120 Ω
	Wiring for RS485	Bus shielded twisted pair or alternatively cat 6 UTP cables
Temperature range	Operating	-5°C – +45°C
	Transportation	-25°C – +70°C
	Storage	-25°C – +55°C
Environmental conditions	Humidity	90% max. without condensation
Certifications	CE mark	

Accessories

PLWALLB	Black wall mounting support frame
COSIT-25	Screws- Italian standard, 25 mm for fixing wall mounting support
COSIT-40	Screws- Italian standard, 40 mm for fixing wall mounting support
COSIT-50	Screws- Italian standard, 50 mm for fixing wall mounting support
COSBS-35	Screws- British standard, 35 mm for fixing wall mounting support
COSBS-25	Screws - British standard, 25 mm for fixing wall mounting support
PLCORBB-503E	Resin backbox - 503E - Italian standard

IDPG-P2xx

Datasheet



Features

- Simple installation through extractable clamps
- Displays room status to indicate:
 - a. Privacy request (do not disturb)
 - b. Make up room request
 - c. Cleaning status (if applicable)
 - d. Room services (custom request)
- Wall mounted glass panel
- Speaker output to connect a bell chime
- Backlit LED room signage
- Standard design with black background and backlit white icons or status bar; "hidden" option is also available
- Optionally with ceramic-based varnish available*

* this allows installation in situations where the panel is exposed to environmental conditions that are more demanding than typical indoor environments, however is not suitable for direct exposure to sunlight and water. Silicone isolation must be used for installation, refer to installation manual for more details. This ink is not available in metallic colors."

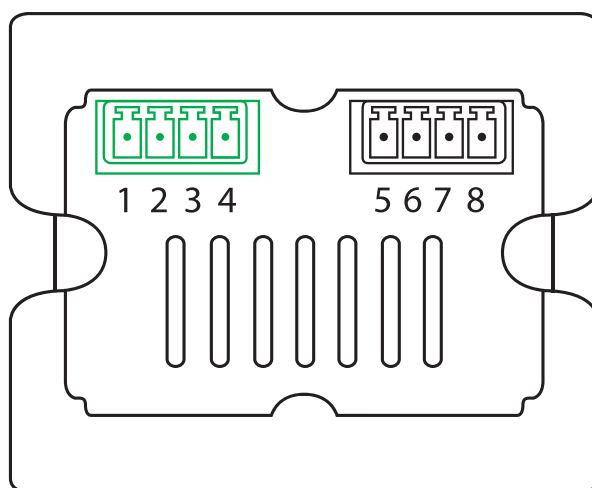
IDPG-P2xx

Overview

	Dimensions	Speaker	Ceramic-based varnish
IDPG-P2	128x168 mm	✓	-
IDPG-P2c	128x168 mm	✓	✓

Pin assignment

Pin	1	2	3	4	5	6	7	8
IDPG-P2xx	+ 12 Vdc	GND	Bus A	Bus B	+ SPK 1	Out -	+ SPK 2	In



backside of panel

IDPG-P2xx

Hidden status bar



IDPG-P2xx

Hidden icons



IDPG-P2xx

Technical data

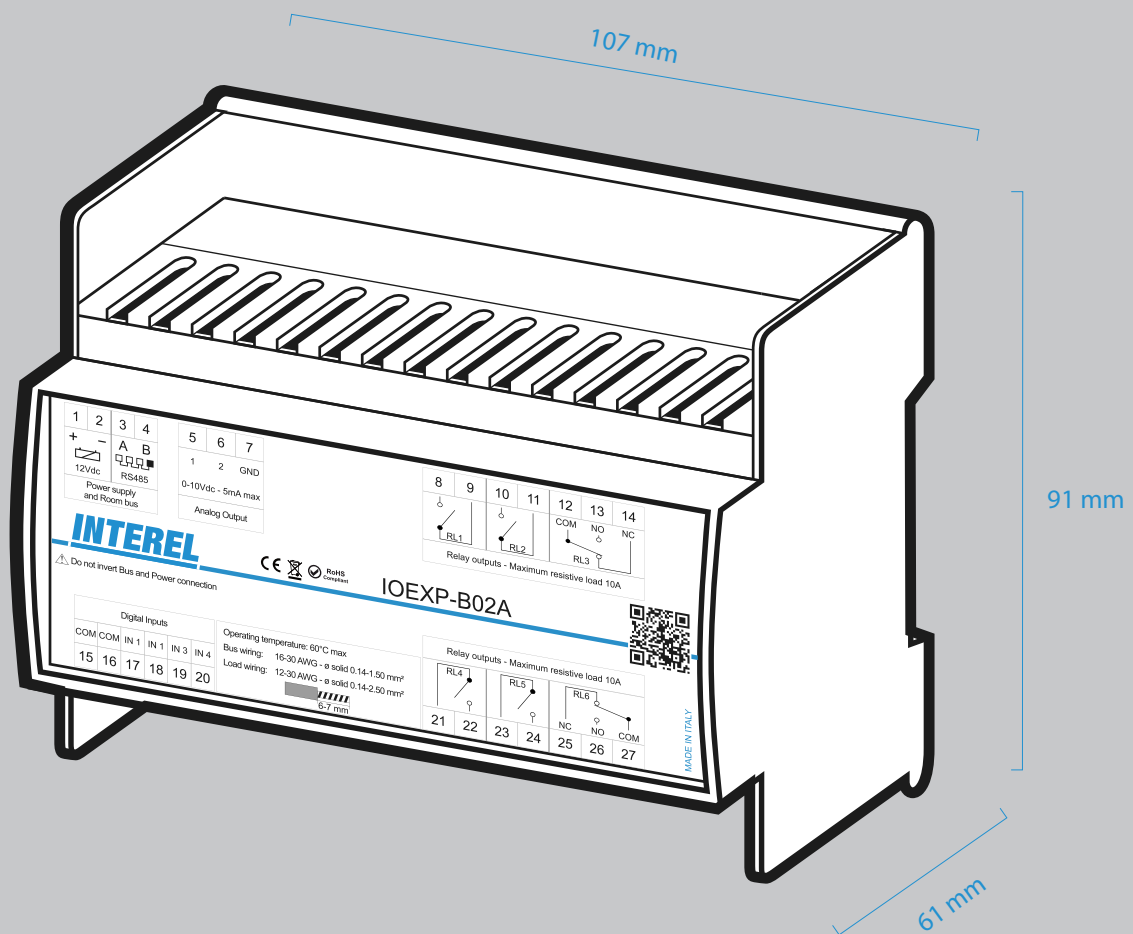
IO configuration	Digital outputs	1
	Digital inputs	1
	RS485 buses	1
Power supply	Voltage	9–15 Vdc
	Consumption with LEDs Off	70 mA @ 14 Vdc, 1 W
	Consumption with all LEDs On	200 mA @ 14 Vdc, 2.8 W
	Backlight room number voltage	9–15 Vdc
	Backlight room number consumption	90 mA @ 14 Vdc 1.3 VA
Output	Digital out voltage range	0–12 Vdc
	Digital out max. current	1 A continuous (for currents above 0.8 A 12 Vdc external use)
	Digital out type	Single On/Off - load connected to GND by Mosfet
	Digital out duty - cycle max.	20 sec/ On, 10 sec/Off (@ 2 A)
Input	Digital input type	P channel Mosfet (active when connected to GND)
	Type of connection	Open drain
RS485	Number of nodes per channel	64 max.
	Termination resistor	To be terminated externally at the last module of the network with resistance starting @ 120 Ω
	Wiring for RS485	Bus shielded twisted pair or alternatively cat 6 UTP cables
Temperature range	Operating	-5°C – +45°C
	Transportation	-25°C – +70°C
	Storage	-25°C – +55°C
Environmental conditions	Humidity	90% max. without condensation
Certifications		CE mark

Accessories

PLWALLB	Black wall mounting support frame
COSIT-25	Screws- Italian standard, 25 mm for fixing wall mounting support
COSIT-40	Screws- Italian standard, 40 mm for fixing wall mounting support
COS5IT-50	Screws- Italian standard, 50 mm for fixing wall mounting support
COSBS-35	Screws- British standard, 35 mm for fixing wall mounting support
COSBS-25	Screws - British standard, 25 mm for fixing wall mounting support
PLCORBB-503E	Resin backbox - 503E - Italian standard

IOEXP-B02A

Datasheet



Features

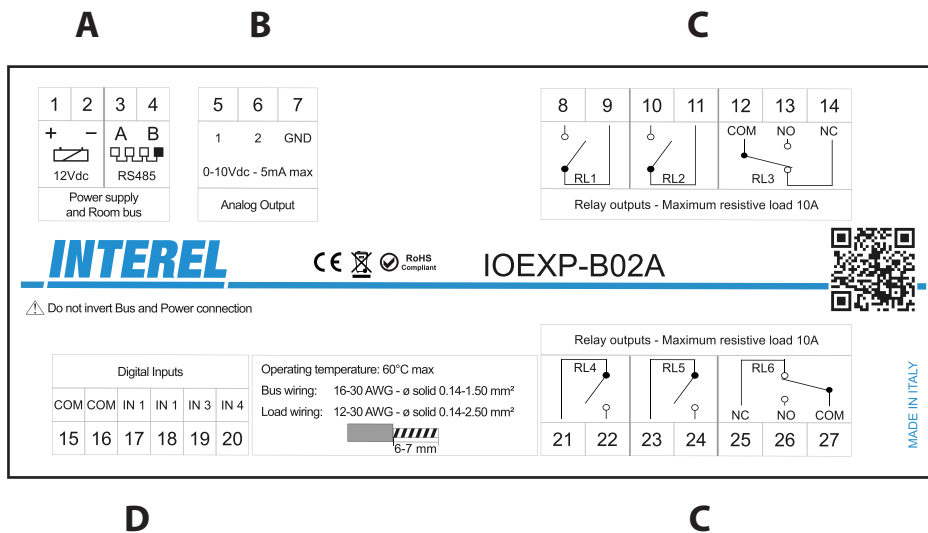
- Supports Modbus serial protocol
 - Easy installation on DIN 35 rail
 - Controls On/Off switching of light circuits
 - 0-100% dimming of incandescent and halogen lighting loads*
 - Curtain and drape control
 - Thermoregulation control with 3 fan speeds and controls for modulating 0-10 V valve actuators
 - Programmable logic on the master RCU units
 - Variable door lock control
 - Relays rated for high inrush currents
- * Capable of dimming LED lights through the analog outputs of the units if 0-10 V transformers are provided

Technical Data

Power	Power supply	9–15 Vdc
	Consumption with relays Off	20mA@14 Vdc, 0.28 VA
	Consumption with relays On	260mA@14 Vdc, 3.6 VA
IO Configuration	Number of digital inputs	4 optically isolated
	Number of relay outputs	6 relay outputs
	Number of analog outputs	2 (0–10 V, modulating)
Relay output	Relay output type	4 On/Off relay output (normally open SPST), 2 switching relays with double throw NO/NC contact (SPDT)
	Relay max. current	SPST: 10 A (resistive load), SPDT: 16 A (resistive load)
	Relay max. voltage	SPST: 250 Vac /30 Vdc, SPDT: 440 Vac
	Relay max. power load	SPST: 2500 VA @250 Vac / 150 W @30 Vdc; SPDT: 4000 VA @ 440 Vac
	Relay inrush current rating	TV-8
Analog output	Output voltage range	0–10 Vdc
	Max. current output	5 mAdc (load ≥ 2KΩ)
Input	Digital input type	P channel mosfet (active when connected to GND)
	Type of connection	Open-drain (common at GND)
RS485 serial channel	Number of nodes per channel	64 max.
	Termination resistor	To be terminated externally at the last module of the network with resistance starting @ 120Ω
	Wiring for RS485	Bus shielded twisted pair or alternatively cat6 UTP cables
Temperature range	Operating	-5°C – +45°C
	Transportation	-25°C – +70°C
	Storage	-25°C – +55°C
Environmental conditions	Humidity	90% max. without condensation
Certifications	CE mark	

Ports and Connectors

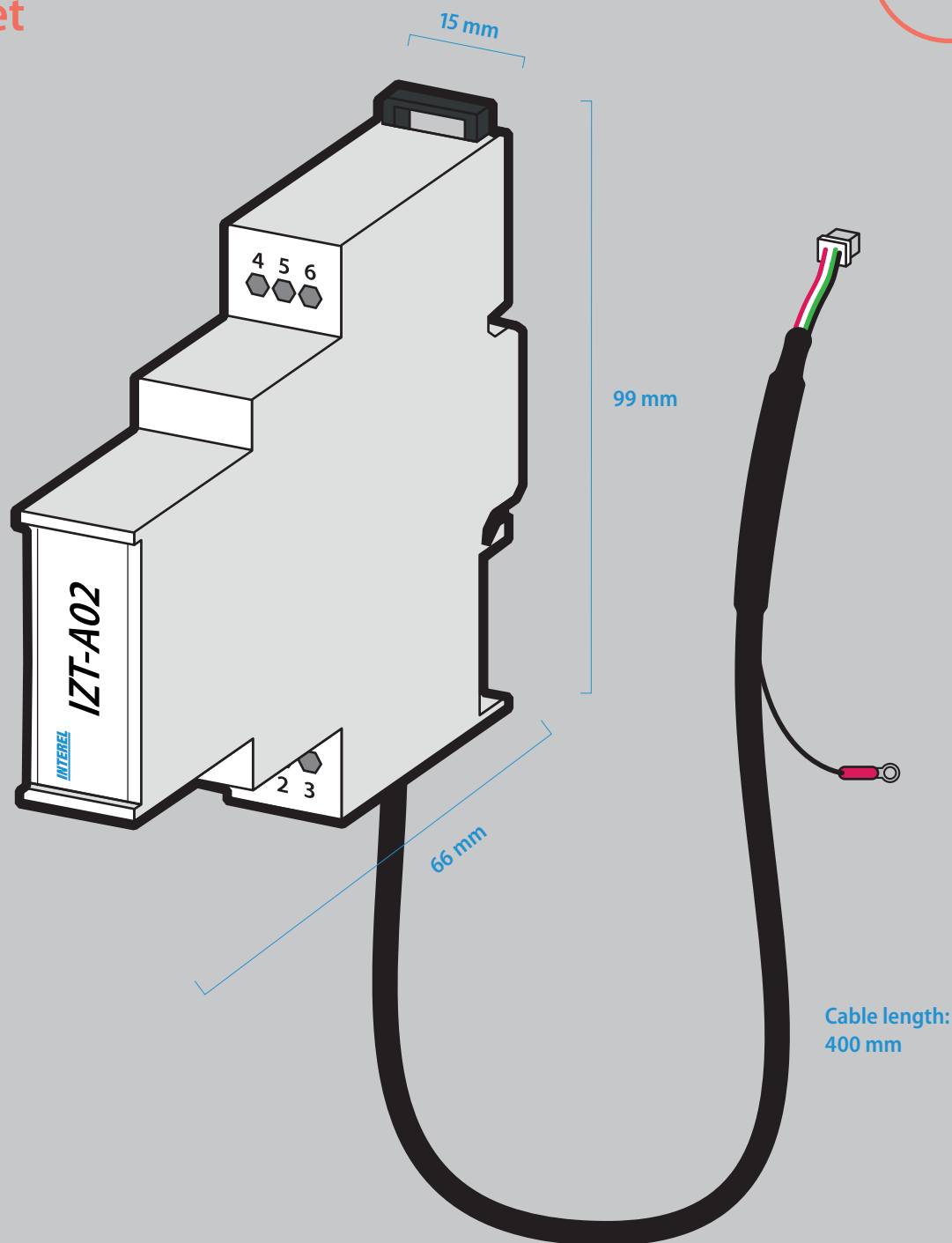
	CONNECTOR CODE	DETAILS	DESCRIPTION
A	ELCO04S90G	4 Pin, 3.81, 90°, green	4 pin green connector, small size
B	ELCO03S90G	3 Pin, 3.81, 90°, green	3 pin green connector, small size
C	ELCO07B90G	7 Pin, 5.08, 90°, green	7 pin green connector, large size
D	ELCO06S90G	6 Pin, 3.81, 90°, green	6 pin green connector, small size



- A.** Incoming power supply and room bus
- B.** 2 analog outputs to connect modulating valves (0–10 V control) or 0–10 V dimming loads
- C.** 6 relay outputs to connect lighting circuits, FCU, curtain motors, and any controlled load
- D.** 4 digital inputs to connect door contacts, pulse switches, motion sensors ect.

IZT-A02

Datasheet

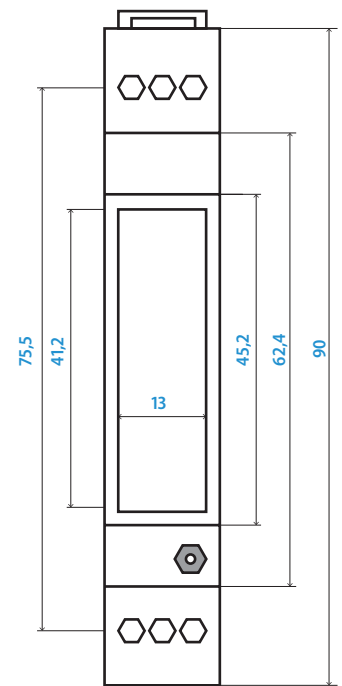
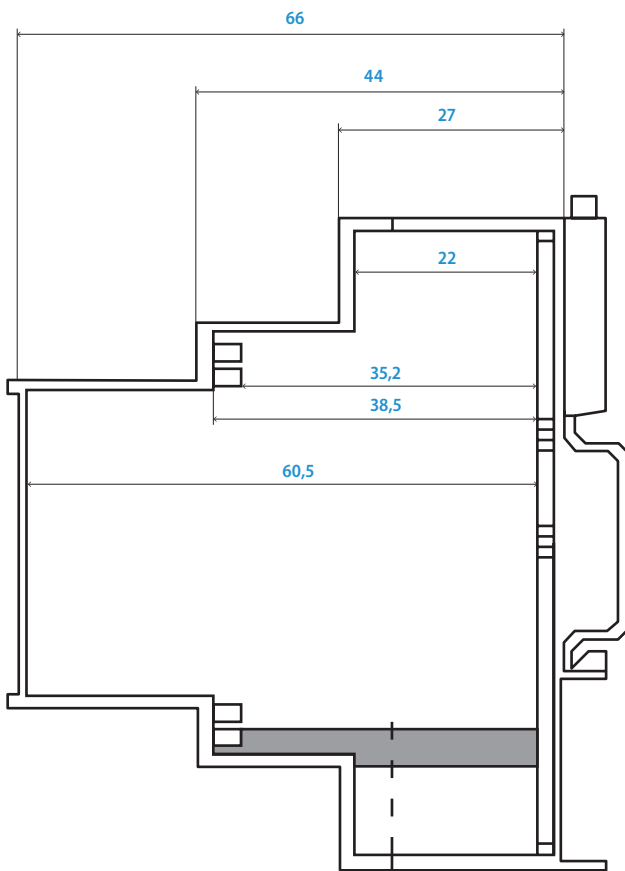
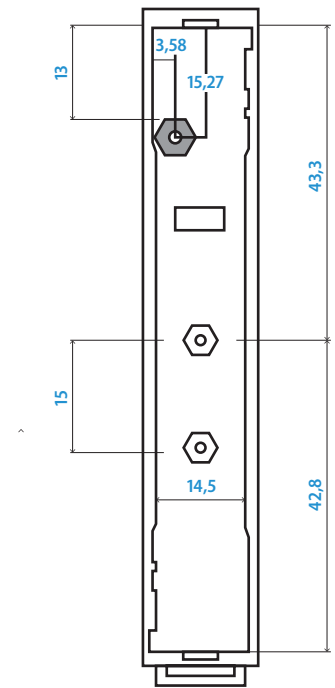
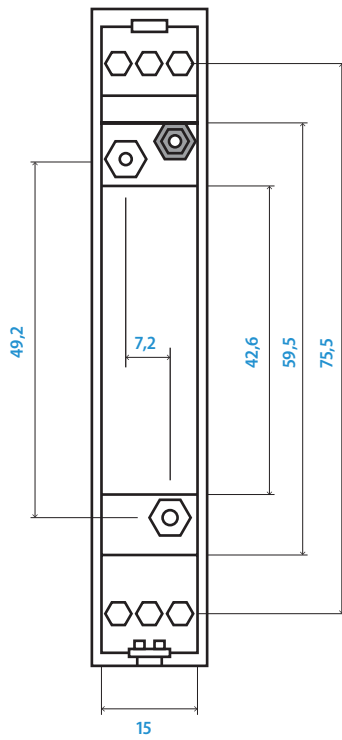


Features

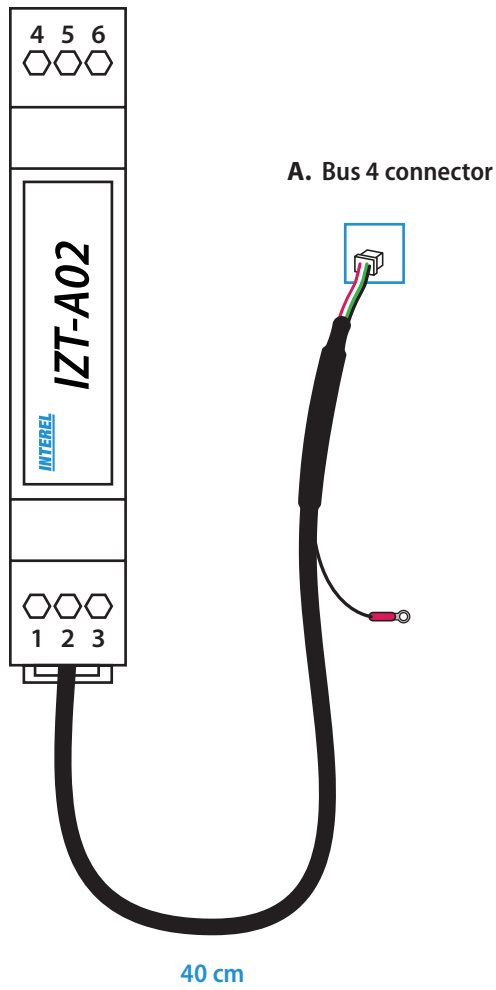
- Gateway Modbus serial protocol
 - Zigbee communication protocol to external accessories
- Easy installation on Din35 rail
- Connection to RCU bus 4

Technical Data

Power Supply	Voltage	9–15 Vdc
RS485 serial channels	Max. consumption during transmission	Up to 0.5W (@14VDC)
	Number of channels	1
	Termination resistor	240 Ω (integrated) 120 Ω (minimum external)
Zigbee Radio	Frequency band	ISM 2.4 GHz
	Transmission power	3.1 mW (+5 dBm)
	Receiver sensitivity	-100 dBm
	Protocol	ZigBee PRO 2007, HA
Temperature Range	Operating	-5°C – +45°C
	Transportation	-25°C – +70°C
	Storage	-25°C – +55°C
Environmental Conditions	Humidity	90% max. without condensation

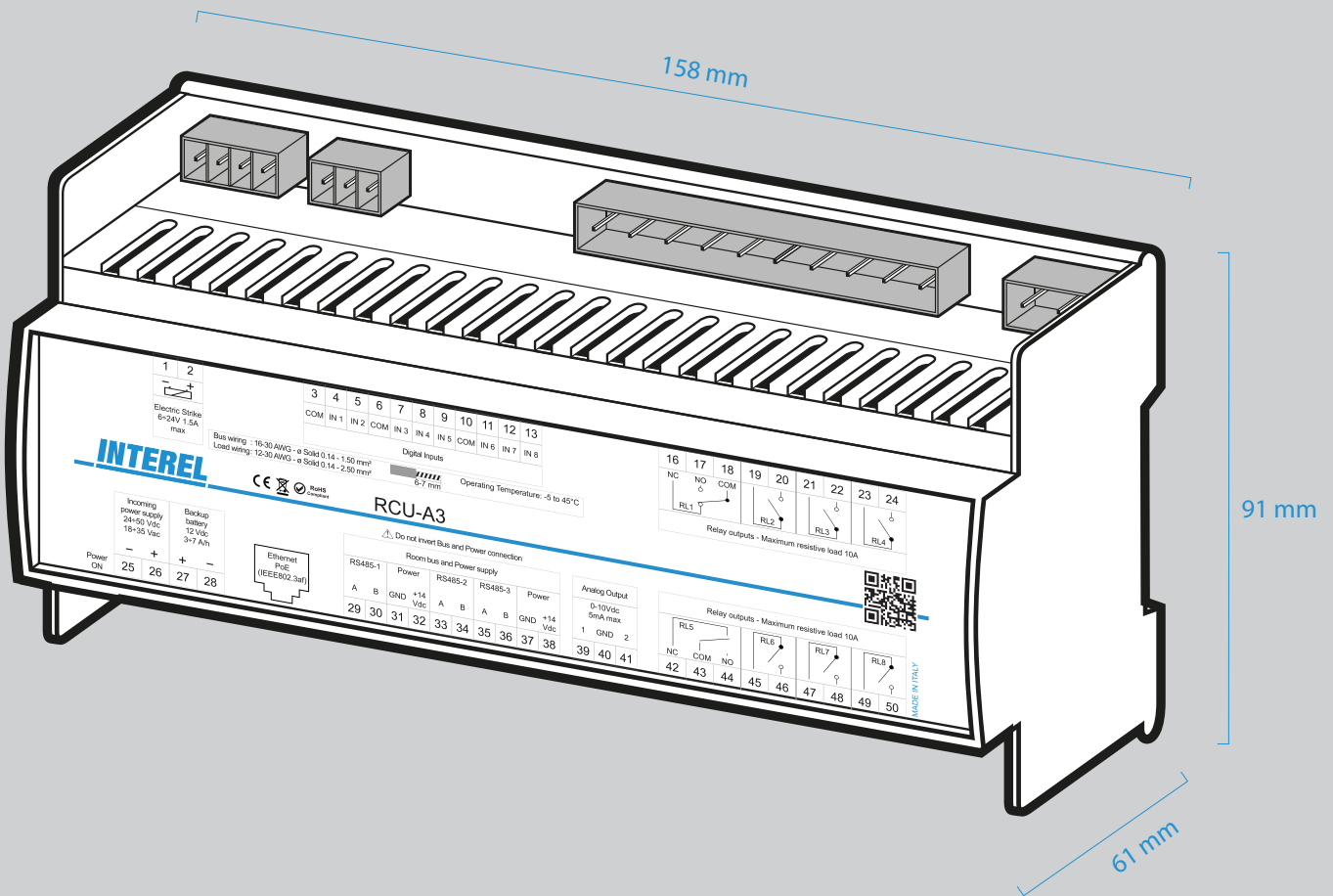


Connection Details



RCU-A3

Datasheet



Features

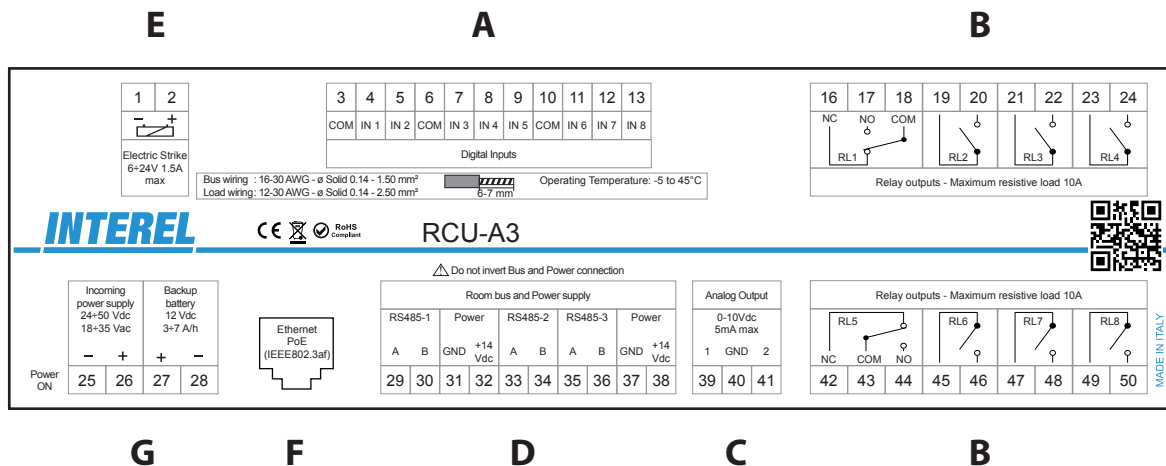
- Supports Modbus Serial Protocol
- Easy installation on Din35 Rail
- Supports the following control functions:
 - a. Access control
 - b. Lighting control (Switching and 0-10V dimming)
 - c. Curtain and Drrape control
 - d. Thermoregulation control with 3 fan speeds and controls for modulating 0-10V valve actuators
- Programmable logic to suite project requirements
- Modular design with the use of I/O extension modules
- Supports TCP/IP communication
- Variable Door Lock Control and a dedicated output to control and power up door strikes.
- Built-in Uninterruptible Power Supply

Technical Data

Power Supply	Input Feeder through power supply	24–50VDC or 18–35VAC
	Input Feeder through PoE	36–57VDC
	Consumption without Load (*)	3VA (@ 24VAC) 1.9W–2.3W (@24–50VDC)
	Consumption with 8 Relays Active (*)	4.8VA @ 24VAC 2.1W–2.5W @ 24–50VDC
	* Measurement conditions: 1. RCU free of firmware 2. All resources interface with the field inactive devices (inputs, RS485, battery charger, etc.	
Output Power to External Modules	Output voltage to external power modules	14VDC Nominal \pm 3.5%
	Output voltage in back-up mode (battery)	10.5–12.5VDC (depends on the state of charge of the battery)
	Output Current (Power Supply Feeder)	1.2A Continuous 1.8A max. per 30sec max. (duty 1/5 max.)
	Output Current (PoE)	0,7A Continuous
Integrated Charger	End of charge voltage	13.5 V Nominal \pm 3.5%
	Charging Current	100mA max.
Analog Outputs	Output voltage range	0–10VDC
	Maximum current output	5mADC (load \geq 2K Ω)
Digital Inputs	No. of Inputs	8 optically isolated inputs
	Type of Digital Inputs	NPN (Active when connected to GND)
	Type of Connection	Open-drain (Common at GND)
	Voltage on Digital Input	12VDC \pm 5% (with respect to GND and with open input/ OFF)
	Maximum output current when active	6mADC
Output	No. of Outputs	8 output relays
	Type of Outputs	6 on/off relay output (normally open SPST), 2 switching relays with double throw NO/NC contact (SPDT)
	Maximum Current	10A (resistive load)
	Maximum Voltage	250VAC / 150VDC
	Maximum Power Load	2500VA @ 250VAC (resistive load) ½ HP @ 250VAC
	Minimum Load	100mA @ 5VDC
Electric Output	Drive mode	PWM (Pulse-width modulation)
	Maximum Output Current	1.5A rms
	Maximum Duty Cycle	30sec/ON, 10sec/OFF (@ 1.5A)
RS485 serial channels	Number of channels	3
	Number of nodes per channel	64 max.
	Termination resistor	240 Ω (integrated) 120 Ω (minimum external)
Ethernet	Ethernet connection / PoE 802.3 af	
Temperature Range	Operating	-5°C – +45°C
	Transportation	-25°C – +70°C
	Storage	-25°C – +55°C
Environmental Conditions	Humidity	90% max. without condensation

Ports and Connectors

	CONNECTOR CODE	DETAILS	DESCRIPTION
A	ELCO11S90G	11 pin 3.81 90° Green	11 pin green connector, small size
B	ELCO9B90G	9 pin 5.08 90° Green	9 pin green connector, large size
C	ELCO3S90G	3 pin 3.81 90° Green	3 pin green connector, small size
D	ELCO10S90G	10 pin 3.81 90° Green	10 pin green connector, small size
E	ELCO2B90G	2 pin 5.08 90° Green	2 pin green connector, large size
F	N/A	Ethernet Port	10/100 BaseT Ethernet port for TCP/IP communication
G	ELCO 04 B90G	4 pin 5.08 90° Green	4 pin green connector, large size



- A.** 8 digital inputs to connect door contacts, pulse switches, motion sensors, etc.
- B.** 8 relay outputs to connect lighting circuits, FCU, curtain motors, and any controlled load
- C.** 2 analog outputs to connect modulating valves (0-10V control) or 0-10V dimming loads
- D.** 3 bus lines- bus 1 is used to connect field devices (glass modules), bus 2 is used to connect expansion modules and dimming modules, bus 3 is used to connect wired bedside panels
- E.** 1 powered output for door strike control (rated at 1.5A)
- F.** Ethernet port for TCP/IP communications
- G.** Incoming power supply and backup battery option

Why INTEREL RCU?

INTEREL Room Control Unit is a powerful programmable logic controller that supports Bus communication with INTEREL room devices and extension modules and can support TCP/IP communication with other RCU units to yield a centralized monitoring and control of the Room Management System.

- RCU enables centralized real time monitoring and reporting of room status and all connected
 - devices/appliances
- Supports service staff management to maximize efficiency and quality of service
- Centralized override control and configuration over ALL room functions
- Centralized management of A/C set points, seasonal adjustments and time frames, in addition
 - to access control management
- Control Logic Philosophy is programmable and does not introduce hardware changes
- Simplified cabling through looping Bus devices.

Installation

The room control unit can be mounted on a Din Rail fixed in the RMS Enclosure. RMS enclosures could be placed at the entrance of the room above the false ceiling with a permanent access panel, or could be flush mounted on the wall next to the Room electrical DB. Since the installation is identical in each panel, it is preferred to prepare a sample board that the technician can use while doing the installation in every room.

Commissioning

Commissioning includes setting the address of the Room Control Unit and configuring other parameters including Room Number. It also includes configuring the units with the required programs through TCP/IP or serial connection.

Precautions

Please do not remove internal cover which encloses the terminals. Removing this covers voids the warranty of the product. Please do not invert the power and bus connection while terminating the low voltage cables as this may damage the unit.



Thermostat panels

Datasheet

Thermostat Panels without Motion Sensor

Datasheet



Features

- 4 Characters - 7 segment LED display
- Touch buttons with the following control functions:
 - a. (\pm) setpoint real-time temperature control
 - b. 3 fanspeed selection
 - c. Auto fan mode
 - d. Off mode
 - e. Patented ECO comfort® mode
 - f. Lighting Control (only GSTA)
 - g. Service Control (only GSTA)
- Touch buttons to toggle between °C/°F display and to display outdoor temperature retrieved from an interface with the building management system or from the internet
- 15 W speaker output (only TAG-F1xx and GSTA-F1xx)
- Simple installation through extractable clamps
- Four energy saving set-points based on guest presence and interface with property management system

*Available dimensions:

- 128x98 mm
- 98x98 mm
- 95x95 mm
- 93x93 mm

Thermostat Panels without Motions Sensor

Overview

	Dimensions	Built-in speaker	Lighting and Service Controls
TAG-E1xx	128x98 mm	-	-
TAG-E5xx	98x98 mm	-	-
TAG-E6xx	95x95 mm	-	-
TAG-E9xx	93x93 mm	-	-
TAG-F1xx	128x98 mm	✓	-
TAG-F5xx	98x98 mm	✓	-
TAG-F6xx	95x95 mm	✓	-
TAG-F9xx	93x93 mm	✓	-
GSTA-E1xx	128x98 mm	-	✓
GSTA-E5xx	98x98 mm	-	✓
GSTA-E6xx	95x95 mm	-	✓
GSTA-E9xx	93x93 mm	-	✓
GSTA-F1xx	128x98 mm	✓	✓
GSTA-F5xx	98x98 mm	✓	✓
GSTA-F6xx	95x95 mm	✓	✓
GSTA-F9xx	93x93 mm	✓	✓

Thermostat Panels without Motions Sensor

Technical data

IO configuration	Digital outputs	1
	Digital inputs	1
	RS485 bus connections	1
	Audio out (only for TAG-Fxxx and GSTA-Fxxx)	1 (15 W 8 Ω speaker)
Power	Voltage	9–15 Vdc
	Consumption with LEDs Off	30 mA @ 14 Vdc 0.52 VA
	Consumption with LEDs On	150 mA @ 14 Vdc 2.1 VA
Output	Digital out voltage range	0–12 Vdc
	Digital out max. current	1 A continuous (for currents above 0.8 A 12 Vdc external use)
	Digital out type	Single On/Off - load connected to GND by MOSFET
	Digital out duty-cycle max.	20 sec/On, 10sec/Off (@ 2 A)
Input	Digital input type	P channel MOSFET (active when connected to GND)
	Type stage connected	Open drain
RS485	Number of nodes per channel	64 max.
	Termination resistor	To be terminated externally at the last module of the network with resistance starting @ 120 Ω
	Wiring for RS485	Bus shielded twisted pair or alternatively CAT6 UTP cables
Temperature range	Operating	-5°C – +45°C
	Transportation	-25°C – +70°C
	Storage	-25°C – +55°C
Environmental conditions	Humidity	90% max. without condensation
Certifications	CE mark	
Dimensions	128 x 98 ** 98 x 98 *** 95 x 95 *** 93 x 93 ***	

(**) compatible with PLWALLBn and PLWALLWn

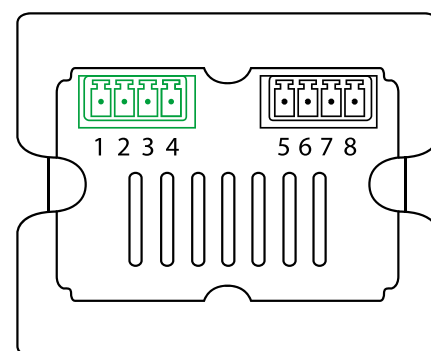
(***) compatible with PLWALLBns and PLWALLWns

Thermostat Panels without Motions Sensor Accessories

COSIT-25	Screws- Italian standard, 25 mm for fixing wall mounting support
COSIT-40	Screws- Italian standard, 40 mm for fixing wall mounting support
COSSIT-50	Screws- Italian standard, 50 mm for fixing wall mounting support
COSBS-35	Screws- British standard, 35 mm for fixing wall mounting support
COSBS-25	Screws - British standard, 25 mm for fixing wall mounting support
PLCORBB-503E	Resin backbox - 503E - Italian standard
PLWALLBn	Wall mountig support black 128 x 98 mm // new locking system
PLWALLWn	Wall mountig support white 128 x 98 mm // new locking system
PLWALLBns	Wall mountig support black 93 x 93 mm // new locking system
PLWALLWns	Wall mountig support white 93 x 93 mm // new locking system

Pin assignment

Pin	1	2	3	4	5	6	7	8
TAG-E1xx TAG-E5xx TAG-E6xx TAG-E9xx GSTA-E1xx GSTA-E5xx GSTA-E6xx GSTA-E9xx	Power +	Power -	Room Bus A	Room Bus B	Out A	Out B	In	In
TAG-F1xx TAG-F5xx TAG-F6xx TAG-F9xx GSTA-F1xx GSTA-F5xx GSTA-F6xx GSTA-F9xx	Power +	Power -	Room Bus A	Room Bus B	Speaker 1 out*	Mosfet out 1**	Speaker 2 out*	In ***



backside of panel

* Connect speaker ground with power GND

** Connect load GND to this output & load power to +12 Vdc

*** Close the "In" with + 12 Vdc power

Thermostat Panels with Motion Sensor

Datasheet



Features

- 4 Characters - 7 segment LED display
- Touch buttons with the following control functions:
 - a. (±) setpoint real-time temperature control
 - b. 3 fanspeed selection
 - c. Auto fan mode
 - d. Off mode
 - e. Patented ECO comfort® mode
 - f. Lighting Control (only GSTA)
 - g. Service Control (only GSTA)
- Built-in motion sensor
- Simple installation through extractable clamps
- Four energy saving setpoints based on guest presence and interface with property management system
- Touch buttons to toggle between °C/°F display and to display outdoor temperature retrieved from an interface with the building management system or from the internet
- 15 W speaker output (only TAG-F3xx and GSTA-F3xx)
- Standard design with black background and 10 white icons

*Available dimensions:

- 128x98 mm
- 98x98 mm
- 95x95 mm
- 93x93 mm

Thermostat Panels with Motions Sensor

Overview

	Dimensions	Built-in speaker	Lighting and Service Controls
TAG-E3xx	128x98 mm	-	-
TAG-E51x	98x98 mm	-	-
TAG-E61x	95x95 mm	-	-
TAG-E91x	93x93 mm	-	-
TAG-F3xx	128x98 mm	✓	-
TAG-F51x	98x98 mm	✓	-
TAG-F61x	95x95 mm	✓	-
TAG-F91x	93x93 mm	✓	-
GSTA-E3xx	128x98 mm	-	✓
GSTA-E51x	98x98 mm	-	✓
GSTA-E61x	95x95 mm	-	✓
GSTA-E91x	93x93 mm	-	✓
GSTA-F3xx	128x98 mm	✓	✓
GSTA-F51x	98x98 mm	✓	✓
GSTA-F61x	95x95 mm	✓	✓
GSTA-F91x	93x93 mm	✓	✓

Thermostat Panels with Motions Sensor

Technical data

IO configuration	Digital outputs	1
	Digital inputs	1
	RS485 connections	1
	Audio out (only for TAG-Fxxx and GSTA-Fxxx)	1 (15 W 8 Ω speaker)
Power	Voltage	9–15 Vdc
	Consumption with LEDs Off	30 mA 0.52 VA @ 14 Vdc
	Consumption with LEDs On	150 mA 2.1 VA @ 14 Vdc
Output	Digital out voltage range	0–12Vdc
	Digital out max. current	1A continuous (for currents above 0.8 A 12 Vdc external use)
	Digital out type	Single On/Off - load connected to GND by MOSFET
	Digital out duty - cycle max.	20 sec/On, 10 sec/Off (@ 2 A)
Input	Digital input type	P channel MOSFET (active when connected to GND)
	Type of connection	Open - drain
Motion sensor	Sensitivity radius	5 m
	Top angle view	47°
	Side angle view	41°
RS485	Number of nodes per channel	64 max.
	Termination resistor	To be terminated externally at the last module of the network with resistance starting @ 120 Ω
	Wiring for RS485	Bus shielded twisted pair or alternatively CAT6 UTP cables
Temperature range	Operating	-5°C – +45°C
	Transportation	-25°C – +70°C
	Storage	-25°C – +55°C
Environmental conditions	Humidity	90% max. without condensation
Certifications	CE mark	
Dimensions	128 x 98 **	
	98 x 98 ***	
	95 x 95 ***	
	93 x 93 ***	

(**) compatible with PLWALLBn and PLWALLWn

(***) compatible with PLWALLBns and PLWALLWns

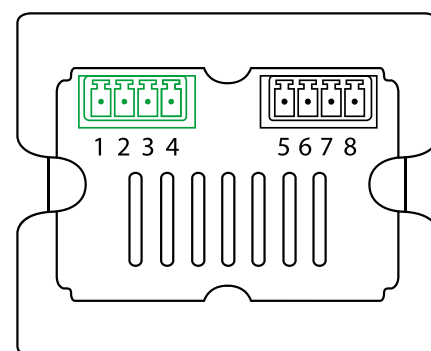
Thermostat Panels with Motions Sensor

Accessories

COSIT-25	Screws- Italian standard, 25 mm for fixing wall mounting support
COSIT-40	Screws- Italian standard, 40 mm for fixing wall mounting support
COSSIT-50	Screws- Italian standard, 50 mm for fixing wall mounting support
COSBS-35	Screws- British standard, 35 mm for fixing wall mounting support
COSBS-25	Screws - British standard, 25 mm for fixing wall mounting support
PLCORBB-503E	Resin backbox - 503E - Italian standard
PLWALLBn	Wall mountig support black 128 x 98 mm // new locking system
PLWALLWn	Wall mountig support white 128 x 98 mm // new locking system
PLWALLBns	Wall mountig support black 93 x 93 mm // new locking system
PLWALLWns	Wall mountig support white 93 x 93 mm // new locking system

Pin assignment

Pin	1	2	3	4	5	6	7	8
TAG-E3xx TAG-E51x TAG-E61x TAG-E91x GSTA-E3xx GSTA-E51x GSTA-E61x GSTA-E91x	Power +	Power -	Room Bus A	Room Bus B	Out A	Out B	In	In
TAG-F3xx TAG-F51x TAG-F61x TAG-F91x GSTA-F3xx GSTA-F51x GSTA-F61x GSTA-F91x	Power +	Power -	Room Bus A	Room Bus B	Speaker 1 out*	Mosfet out 1**	Speaker 2 out*	In ***



backside of panel

* Connect speaker ground with power GND

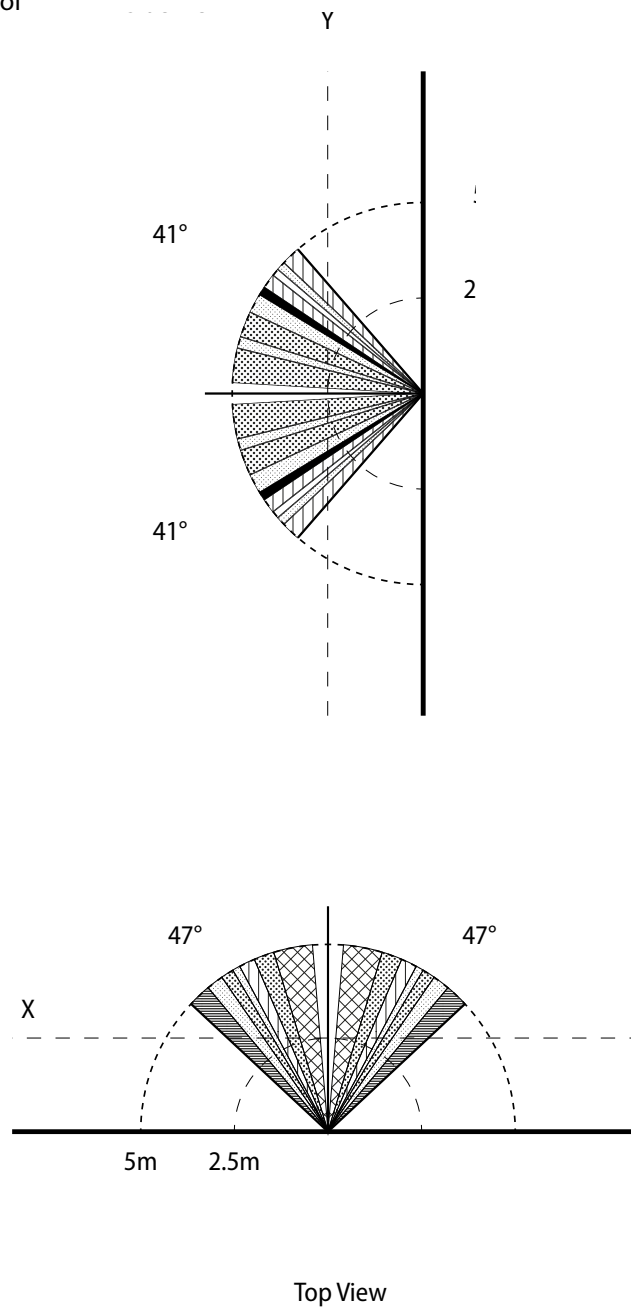
** Connect load GND to this output & load power to +12 Vdc

*** Close the "In" with + 12 Vdc power

Motion sensor range

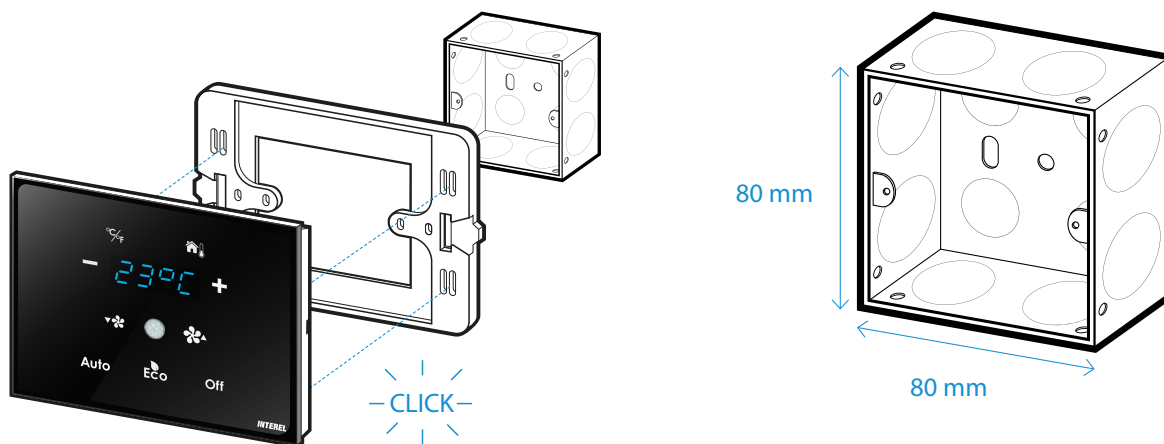
The motion sensor has an optimal sensitivity radius of 5 meters and a field of detection based on a side view angle of 41° and top view angle of 47° .

The motion sensor detects On/Off motion of objects within the field of detection of the sensor.

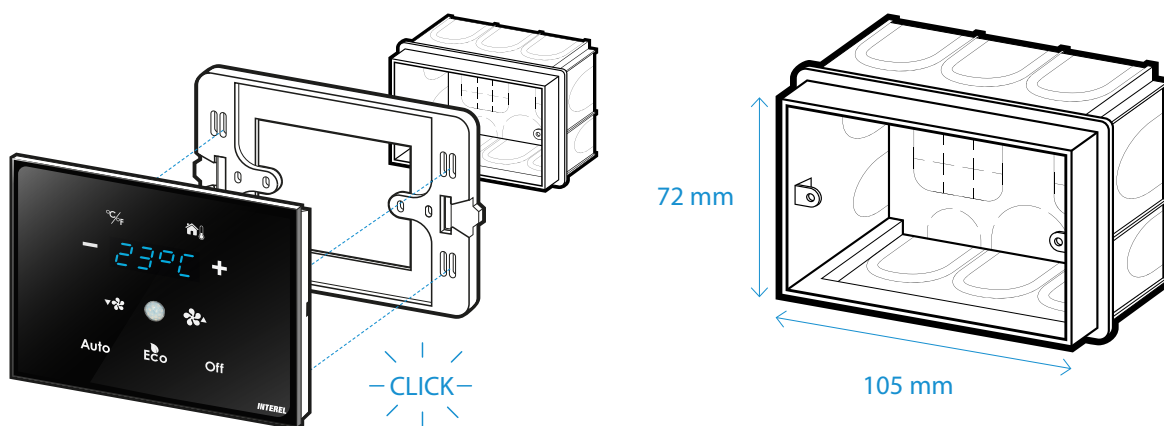


Thermostat Panels

Mounting Box 3x3 - British Standard



Mounting Box 503 - Italian Standard

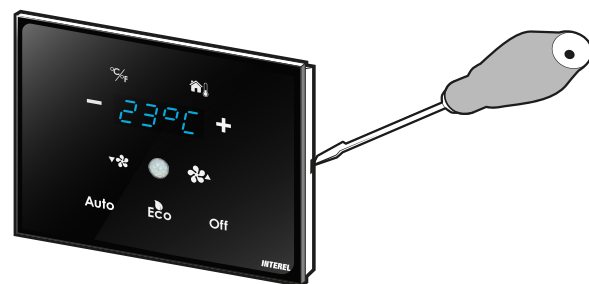


Installation

- Fix the wall frame on the installed backbox using the appropriate screws
- Clip the glass module on the frame and press gently on the 4 sides to make sure it is securely fixed

Uninstallation

- Insert the screwdriver into the small opening
- Pull the screwdriver in your direction



Use a screw driver to unistall the module from the wall



TIG Panels

Datasheet

TIG PANELS

Datasheet



Features

- Mifare 13.56 MHz card reader (ISO14443 A)
- NFC enabled (near field communication)
- Configurable relay outputs to control access to other TopHotel room modules based on inserted card level and to save energy on all or selected room loads based on card presence
- Simple installation through extractable clamps
- Touch buttons to request the indication of the following functions:
 - a. Privacy request
 - b. Make-up room request
 - c. Room cleaned
 - d. Room cleaned and checked
 - e. Room out of order
 - f. Master On/Off lighting control
- Wall mounted glass panel
- Standard design with black background and backlit white icons with text under each icon describing the functionality of the buttons

*Available dimensions:

- 146x109 mm
- 128x98 mm
- 98x98 mm
- 95x95 mm
- 93x93 mm

TIG Panels

Overview

	Dimensions	Input	Output	RS485	Plastic color	Built-in speaker	Motion sensor presence
TIG-E1xx	128x98 mm	1	1	1	black	✓	-
TIG-E5xx	98x98 mm	1	1	1	black	✓	-
TIG-E6xx	95x95 mm	1	1	1	black	✓	-
TIG-E9xx	93x93 mm	1	1	1	black	✓	-
TIG-E2xx	128x98 mm	1	1	1	white	✓	-
TIG-E52xx	98x98 mm	1	1	1	white	✓	-
TIG-E62xx	95x95 mm	1	1	1	white	✓	-
TIG-E92xx	93x93 mm	1	1	1	white	✓	-
TIG-E3xx	128x98 mm	1	1	1	black	✓	✓
TIG-E51xx	98x98 mm	1	1	1	black	✓	✓
TIG-E61xx	95x95 mm	1	1	1	black	✓	✓
TIG-E91xx	93x93 mm	1	1	1	black	✓	✓
TIG-E7xx	146x109 mm	1	1	1	black	✓	-

TIG Panels without Motions Sensor

Technical data

Power	Voltage	9–15 Vdc
	Consumption with LEDs Off	40 mA @ 14 Vdc 0.6 VA
	Consumption with LEDs On	2.8 VA @ 200 mA 14 Vdc
Output	Output MOSFET* type	Single On/Off - load connected to GND by MOSFET
	Output voltage	0–12 Vdc
	Duty-cycle max.	20 sec/On, 10sec/Off (@ 2 A)
	Max. current output	1 A continuous (for currents above 0.8 A 12 Vdc external use)
Input	Digital input type	NPN (active when connected to GND)
	Type of connection	Open drain
RS485	Number of nodes per channel	64 max.
	Termination resistor	To be terminated externally at the last module of the network with resistance starting @ 120 Ω
	Wiring for RS485 bus	Shielded twisted pair or alternatively cat 6 UTP cables
Temperature range	Operating	-5°C – +45°C
	Transportation	-25°C – +70°C
	Storage	-25°C – +55°C
Environmental conditions	Humidity	90% max. without condensation
Certifications	CE mark	
Dimensions	146x109 **	
	128 x 98 **	
	98 x 98 ***	
	95 x 95 ***	
	93 x 93 ***	

(**) compatible with PLWALLBn and PLWALLWn

(***) compatible with PLWALLBns and PLWALLWns

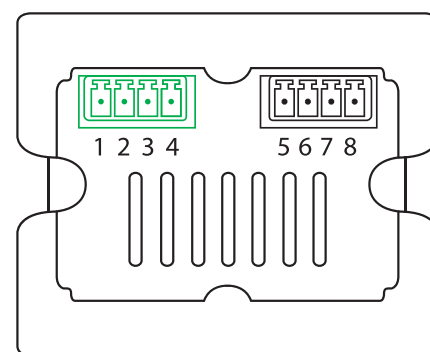
TIG Panels

Accessories

PLWALLBn	Black wall mounting support frame
PLWALLBns	Black wall mounting support frame for square glasses
PLWALLWn	White wall mounting support frame
PLWALLWns	White wall mounting support frame for square glasses
COSIT-25	Screws- Italian standard, 25 mm for fixing wall mounting support
COSIT-40	Screws- Italian standard, 40 mm for fixing wall mounting support
COSIT-50	Screws- Italian standard, 50 mm for fixing wall mounting support
COSBS-35	Screws- British standard, 35 mm for fixing wall mounting support
COSBS-25	Screws - British standard, 25 mm for fixing wall mounting support
PLCORBB-503E	Resin backbox - 503E - Italian standard

Pin assignment

Pin	1	2	3	4	5	6	7	8
TIG-E1xx TIG-E5xx TIG-E6xx TIG-E9xx TIG-E2xx TIG-E52xx TIG-E62xx TIG-E92xx TIG-E3xx TIG-E51xx TIG-E61xx TIG-E91xx TIG-E7xx	Power +	Power -	Room Bus A	Room Bus B	Speaker 1 out*	Mosfet out 1**	Speaker 2 out*	In ***



backside of panel

* Connect speaker ground with power GND

** Connect load GND to this output & load power to +12 Vdc

*** Close the "In" with + 12 Vdc power