

Inside Sensor Box

animeo Solo

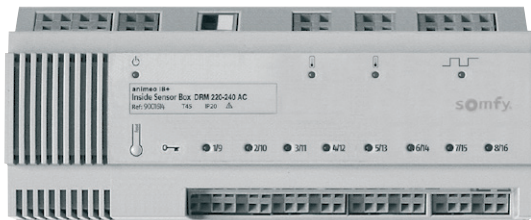
animeo IB+

animeo IP

animeo KNX

animeo LON

SOLUTIONS FOR BUILDING CONTROL



Ref. 9001614

For connection to external push buttons or key switches per zone and up to two Inside Temperature Sensors.

The Inside Sensor Box can be integrated into animeo IB+ and animeo IP solutions.

For DIN-rail installation.

Installation advantages

- > Easy and quick commissioning in combination with the animeo IB+ Building Controller and animeo IP Building Controller.
- > Spring connector with cable ties for safer and quicker installation.
- > Status feedback through LEDs.

Functional advantages

- > Optimised energy savings by taking into account inside temperature values.
- > Inside Temperature Sensors enable easy extendability of energy saving options of the system.
- > With the integration of the Inside Sensor Box the natural ventilation function in combination with window openers can be activated.

Wiring

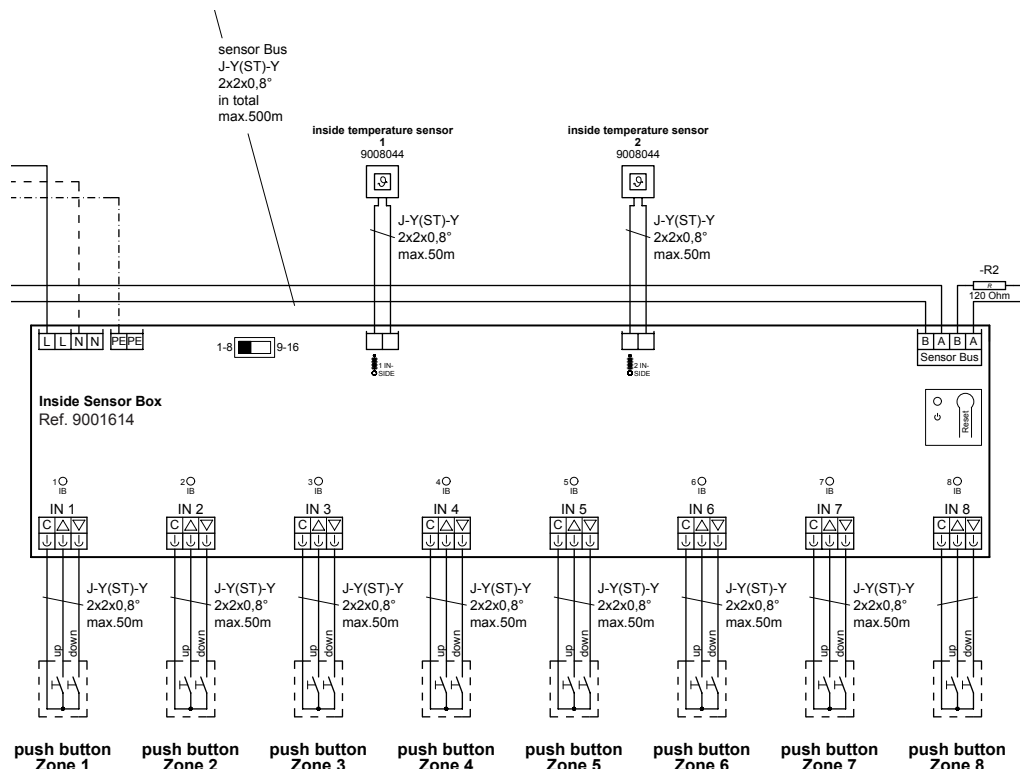
Connection	Cables	Twisted pairs	Max. distance
220-230 V AC	Min.: 3 x 1.5 mm ² /15 AWG Max.: 3 x 2.5 mm ² /13 AWG	–	
Temperature sensors	Min.: 2 x 0.6 mm/22 AWG Max.: 2 x 2.5 mm ² /13 AWG	–	500 m/ 1,650 ft
Switches	Min.: 3 x 0.6 mm/22 AWG Max.: 3 x 2.5 mm ² /13 AWG	–	100 m/ 330 ft
Sensor Bus	Min.: 2 x 0.6 mm/22 AWG Max.: 2 x 0.8 mm ² /20 AWG	Required	500 m/ 1,650 ft

Classification

The Motor Controller is an electronically and manually-operated, independently-mounted control.

- Class A control function
- Type 1 action
- Pollution degree: 2
- Rated impulse voltage: 4 kV
- Temperature of the ball hardness test: 75 °C
- Type X attachment
- Method of attachment for non-detachable cords: screwless spring terminal
- EMC emission test: $U_{AC} = 230 \text{ V AC}$ $I_{AC} = 0.04 \text{ A}$ (EN 55022 Class B emission)

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CHARACTERISTICS

WM Ref. 9001614

Supply voltage	220-230 V AC/ 50/60 Hz
Stand-by current (IEC 62301)	< 0.05 A@230 V/ 50 Hz
Stand-by power (IEC 62301)	< 4 W@230 V/ 50 Hz
Terminals	Spring connectors
Operating temperature	0 °C to 45 °C
Relative humidity	max. 85 %
Material of housing	PC/ABS
Housing dimensions (w x h x d)	90 x 210 x 63 mm
Weight	520 g
Degree of protection	IP 20
Protection class	I (looped through PE connection - depending on the installation)
Conformity	www.somfy.com/ce