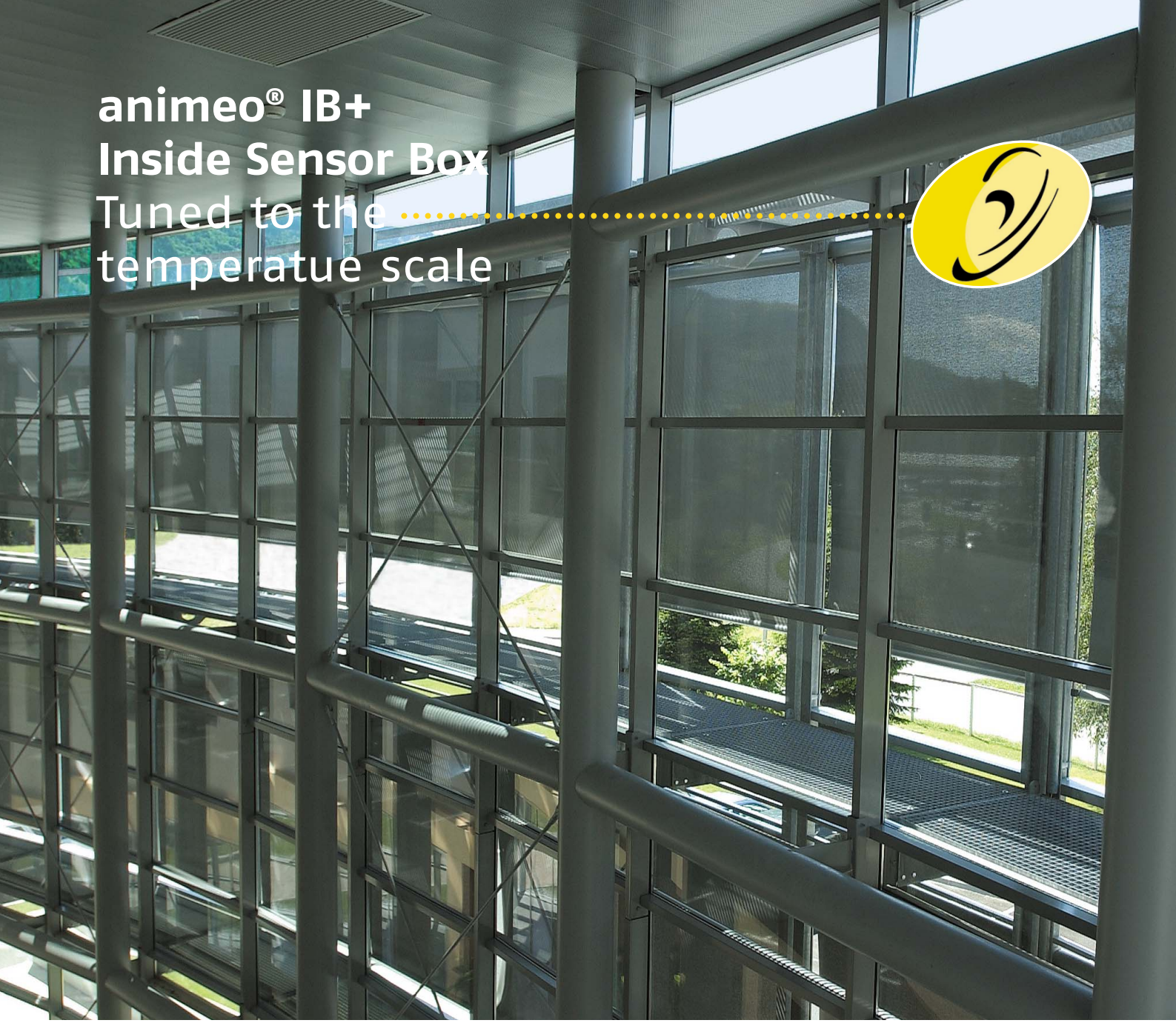
animeo® IB+
Inside Sensor Box
Tuned to the temperatue scale



Thanks to its 2 inside temperature sensors inputs, the Inside Sensor Box is the essential device for the management of the 3 operational modes, and more specially for the Energy saving functions.



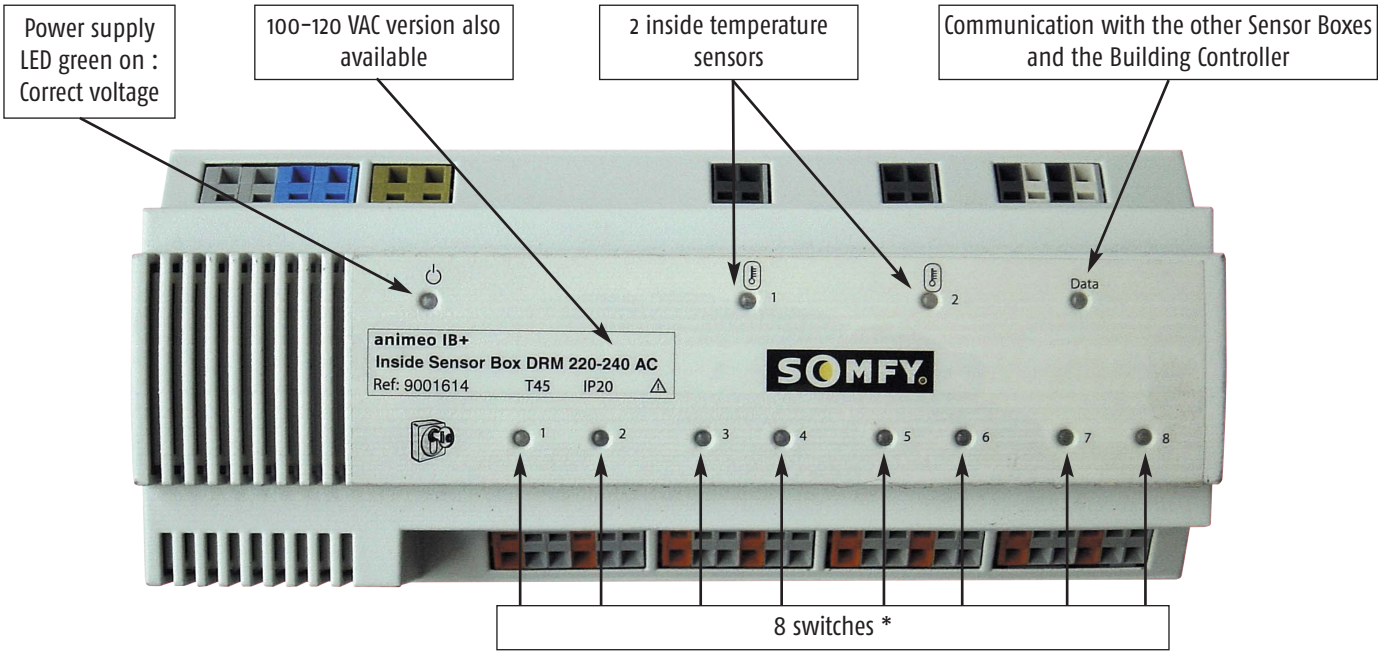
Inside Sensor Box

The Inside Sensor Box also enables to control each zone individually via the 8 switch inputs. This function is very useful for the windows cleaner or for any repairing of your façade.

In the case of 2 Building Controllers used for 16 zones, you can connect 2 Inside Sensor Boxes.

To guarantee a proper operation for the Animeo IB+ system, all the measured values are filtered respectively and checked on plausibility before being sent to the Building Controller.

SOMFY®



* Perfect compatibility with the Inteo Centralis IB switch of Somfy

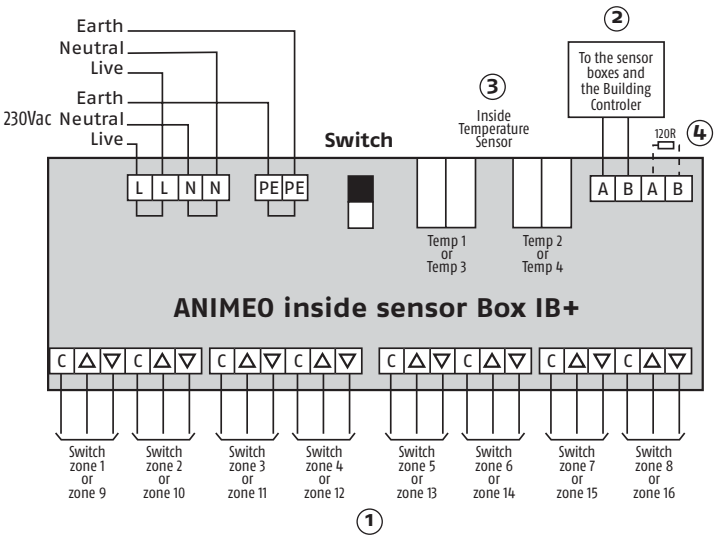
LED is active as long as correspondent input or output is active, excepted for the 2 sensor LED where :

LED off: No problem

LED 1 sec.: Change of value coming from the inside temperature sensor

LED blinking: Error (sensor not connected/broken, short circuit, not configured sensor connected)

Inside Sensor Box Interface



TECHNICAL SPECIFICATIONS		
Inside Sensor Box IB+		
Supply	Voltage	220 VAC - 240VAC
		100 VAC - 120 VAC
	Frequency	50 Hz - 60 Hz
	Max. operating current (primary)	35 mA (230 VAC)
		74 mA (110 VAC)
Mechanical Data	Housing	DIN Rail
	Length / Height / Width	(12 TE) 210 mm / 63 mm / 90 mm
	Weight	540 g
	Plastic	type: polycarbonat
		mass: 210 g
	Housing material	Recyclable
Protection Class	IP20	
Inputs / Outputs	General	Implement Decoupling
free Inputs	8 switches	8 x double Pushbutton (C, Up, Down)
	2 temperature sensors	2 x NTC reference : 9001611
Fuse	Thermal fuse	Self resetable fuse or Polyswitch
Temperature ranges	Operating temperature	0°C to 45°C
	Storage temperature	-20°C to 70°C
	Relative humidity	85%
EMC	EN 60 730	
Standards compliance	EN 60 730-1, IEC 730 (electric safety devices), EN 60 721-3-1/2	
Approvals	ENEC 10, UL	

Connection	Maximum distance	Type of cable (for default sensors)	
		Section / AWG	Twisted pairs
①	100 m	Min. : 3 x 0.6 mm² / 19 AWG Max. : 3 x 2.5 mm² / 13 AWG	Recommended
②	500 m	Min. : 2 x 0.6 mm² / 19 AWG Max. : 2 x 0.8 mm² / 18 AWG	Obligatory
③	500 m	Min. : 2 x 0.6 mm² / 19 AWG Max. : 2 x 2.5 mm² / 13 AWG	–

④ **Resistance 120 Ohms:** Only required at the beginning and at the end of the RS485 2 wires network

SOMFY

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