

PCD7.L64D, PCD7.L64T and PCD.L64W Wall temperature sensors

SBC room sensors (BAE) are wall temperature sensors, wired or wireless, dedicated for comfort room parameters adjustments.



Key benefits

- ▶ multi function product (sensor + settings)
- ▶ back-lit LED display screen from green to red according to settings
- ▶ system information feedback

All room sensors modules are equipped with temperature sensors and allow parameters controls : heating, cooling, ventilation, lighting, blinds.

They are directly connected to SBC room controller through a DALI standard bus or by a radio standard protocol for wireless versions.

Main features

- ▶ Temperature measurement by NTC sensor
- ▶ HVAC models : selection of operating mode : occupancy, setpoint offset, and fan speed
- ▶ Window contact status feedback
- ▶ Display either by diodes or by back lit graphic LCD screen
- ▶ Status led indicators may be turned off after 2 minutes for wired models and after 1 minute for wireless models
- ▶ Direct radio link with multi-sensor for wireless model

Mechanical properties

Casing	ABS VO
Dimensions	L 85.5 × l 85.5 × h 24.2 mm (wired) L 85.5 × l 85.5 × h 17.5 mm (wireless)
Weight	70 gr

Environment

Operating temperature	5 °C à +45 °C
Storage temperature	-20 °C à +70 °C
Humidity	+20 % à +90 % no condensing

Norms / Warranty

DIRECTIVE 2014/35/UE «LOW TENSION»
DIRECTIVE 2011/65/UE «ROHS DIRECTIVE»
DIRECTIVE 2014/30/UE «ELECTROMAGNETIC COMPATIBILITY»





Electrical specifications

Wired models (PCD7.L64D-xx2x)

DALI Connection
– plug-in connector fixed on the support
Wiring
– 0.5 to 1.5 mm² wires section
DALI network consumption: 6 mA Max

Wireless model (PCD7.L64W-D2451 and PCD7.L64T-T51)

Equipped with a CR2450 battery
Indicative lifetime : 2 years normal operating

				
	PCD7.L64D-L1421	PCD7.L64D-D2421	PCD7.L64W-D2451	PCD7.L64T-T51
LED	•			
LCD back lit		•	•	
Keys	4	4	4	0
Sensors	NTC	NTC	NTC	NTC
HVAC	•	•	•	
Window contact status	•	•	•	
LCD green to red		•	•	
Radio			•	•

Battery versions (PCD7.L64W-D2451 and PCD7.L64T-T51) must be combined with an SBC radio receiver such as PCD7.L66D-MC52T or PCD7.L66D.MC72V.

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