



Ref. Certif. No.

SE-109859

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME

CB TEST CERTIFICATE

Product

Smart home controller and accessories

Name and address of the applicant

Loxone Electronics GmbH
Smart Home 1
AT-4154 Kollerschlag
AUSTRIA

Name and address of the manufacturer

Same as applicant

Name and address of the factory

Additional Information on page 2

Note: When more than one factory, please report on page 2

Ratings and principal characteristics

See page 2

Trademark / Brand (if any)

Loxone

Customer's Testing Facility (CTF) Stage used

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Model / Type Ref.

See page 2

Additional information (if necessary may also be reported on page 2)

Additional Information on page 3-4

A sample of the product was tested and found to be in conformity with

IEC 62368-1:2018

As shown in the Test Report Ref. No. which forms part of this Certificate

2245857KAU-002

This CB Test Certificate is issued by the National Certification Body

Intertek Semko AB
Torshamnsgatan 43
Box 1103
SE-164 22 Kista, Sweden

Date: 18 January, 2023

intertek

Signature:

Henrik Wikström

Factories

[Redacted text]

Ratings and principal characteristics

Flushmount Presence Sensor Tree: 9 ... 30VDC, 0.25W
Intercom: Input PoE, 5.8W, output 24VDC, 5.8W, output 3W
NFC Code Touch Air: 9 ... 28VDC or 2x AAA batteries, 0.8W
NFC Code Touch Tree: 9 ... 28VDC, 0.8W
Presence Sensor Air: 9 ... 30VDC or 2x AA batteries, 0.195W
Presence Sensor Tree: 6 ... 30VDC, 0.246W
Room Comfort Sensor Air: 9 ... 28VDC or 2x AAA batteries, 0.085W
Room Comfort Sensor Tree: 9 ... 28VDC, 0.16W
Touch Air: CR2450 battery
Touch Pure Air: 6 ... 30VDC or 2x AAA batteries, 0.119W
Touch Pure Tree: 6 ... 30VDC, 0.095W
Touch Pure Tree CO2: 9 ... 30VDC, 0.1W
Touch Surface Tree: 9 ... 28VDC, 0.116W
Touch Tree: 6 ... 30VDC, 0.121W

Model / Type Ref

Flushmount Presence Sensor Tree, Intercom, NFC Code Touch Air, NFC Code Touch Tree,
Presence Sensor Air, Presence Sensor Tree, Room Comfort Sensor Air, Room Comfort Sensor Tree,
Touch Air, Touch Pure Air, Touch Pure Tree, Touch Pure Tree CO2, Touch Surface Tree, Touch Tree

Date: 18 January, 2023

Signature:



Additional information

These moduls are to be used with Loxone Smart home control system. Air devices use WiFi for communication, Tree devices are hard-wired for communication with other Loxone devices.

Model Differences

Flushmount Presence Sensor Tree:

The Loxone Presence Sensor Tree is used to detect presence, motion and brightness in a room.

Intercom:

The Loxone Intercom is a compact video door station featuring a glass finish, illuminated bell button and proximity sensor. The microphone is embedded into the front panel, the concealed speakers are located on unit's left side. The device is connected to the network and powered via Power over Ethernet (PoE). The integrated Tree interface makes it possible to connect an NFC Code Touch as part of an access solution. The device is mounted in a low-profile aluminum frame, available in a single or double version.

NFC Code Touch Air:

The Loxone NFC Code Touch Air is used for access control and features a NFC reader and illuminated keypad on a glass surface.

NFC Code Touch Tree:

The Loxone NFC Code Touch Tree is used for access control and features a NFC reader and illuminated keypad on a glass surface.

Presence Sensor Air:

The Loxone Presence Sensor Air is used to detect presence, motion and brightness in a room.

Presence Sensor Tree:

The Loxone Presence Sensor Tree is used to detect presence, motion and brightness in a room.

Room Comfort Sensor Air:

The Room Comfort Sensor Air is used to measure temperature and humidity in a room.

Room Comfort Sensor Tree:

The Room Comfort Sensor Tree is used to measure temperature, humidity and CO2 value as an indicator for the air quality in a room.

Date: 18 January, 2023

Signature:



Touch Air:

The Loxone Touch Air features five touch points to control the most important functions of a room. When a button is touched, an acoustic click confirms the action. An integrated sensor measures temperature and relative humidity.

Touch Pure Air:

The Loxone Touch Pure Air features five touch points on a glass surface to control the most important functions of a room. When a button is touched, an acoustic click confirms the action. An integrated sensor measures temperature and relative humidity. When hardwired to a power supply, an orientation light makes it possible to locate the device in the dark.

Touch Pure Tree:

The Loxone Touch Pure Tree features five touch points on a glass surface to control the most important functions of a room. When a button is touched, an acoustic click confirms the action. An integrated sensor measures temperature and relative humidity. An orientation light makes it possible to locate the device in the dark.

Touch Pure Tree CO2:

The Loxone Touch Pure CO2 Tree has five touch zones, which can be configured according to your needs. The large central touch zone is ideal for controlling lighting, whilst the corner zones are handy for controlling music and blinds, for example. Equipped with a temperature, humidity and CO2 sensor it is your perfect room control device.

Touch Surface Tree:

The Loxone Touch Surface Tree features six touch points to control the most important functions of a room. When a button is touched, LEDs light up and an acoustic click confirms the action. The device can be mounted under any non-conductive surface up to 30mm (1.18 in) thick. The surface can be stone, wood, ceramics or glass. Touch is detected through the material.

Touch Tree:

The Loxone Touch Tree features five touch points to control the most important functions of a room. When a button is touched, an acoustic click confirms the action. An integrated sensor measures temperature and relative humidity.

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