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 Note: *When more than one factory, please report on page 2*	☒ Additional Information on page 2
Ratings and principal characteristics	See page 2
Trademark / Brand (if any)	Loxone
Customer's Testing Facility (CTF) Stage used	-
Model / Type Ref.	See page 2
Additional information (if necessary may also be reported on page 2)	☒ Additional Information on page 3
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	2245853KAU-002

This CB Test Certificate is issued by the National Certification Body

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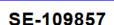**Box 1103**
SE-164 22 Kista, Sweden

Date: **18 January, 2023**

intertek

Signature:

Henrik Wikström

ÅSE

Factories

Ratings and principal characteristics

1-wire-Extension: 9 ... 28VDC, 0.28W
AI-Extension: 9 ... 28VDC, 0.24W
Air-Base-Extension: 9 ... 28VDC, 0.15W
AO-Extension: 9 ... 28VDC, 1.26W
Audioserver: 18 ... 26VDC, 110W@24VDC, max. peak 162.7W
DALI- Extension: 12 ... 28VDC, 5.4W
DI- Extension: 9 ... 28VDC, 0.25W
DMX- Extension: 9 ... 28VDC, 0.31W
KNX- Extension: 10 ... 28VDC, 75mW
Miniserver-Go: 4.4 ... 5.25VDC, 2.65W
Modbus- Extension: 9 ... 28VDC, 0.19W
RS232- Extension: 9 ... 28VDC, 0.19W
RS485- Extension: 9 ... 28VDC, 0.19W
Stereo- Extension: 18 ... 26VDC, 55W@24VDC, max. peak 120W
Tree- Extension: 9 ... 28VDC, 0.30W
Tree-to-Air-bridge: 12 ... 28VDC, 0.25W

Model / Type Ref

1-wire-Extension, AI-Extension, Air-Base-Extension, AO-Extension, Audioserver, DALI- Extension,
DI- Extension, DMX- Extension, KNX- Extension, Miniserver-Go, Modbus- Extension,
RS232- Extension, RS485- Extension, Stereo- Extension, Tree- Extension, Tree-to-Air-bridge

Date: 18 January, 2023

Signature:

Additional information

The extension modules are to be implemented into Loxone Smart home control system. All modules are for permanent installation into a fuse or control panel (which act as fire barrier / enclosure). As supply a already certified power supply according to IEC62368-1 or 60950-1 must be used for Bus system (ES1 / PS2 limited power supply unit must be used, except Audio-Server ES1 / PS3.) and Miniserver Go via Micro-USB power supply.

Model Differences

1-wire-Extension: The Loxone 1-wire Extension is designed to integrate 1-wire sensors, e.g temperature sensors or i-buttons.

AI-Extension: The Loxone AI Extension features 4 analog 0-10V inputs.

Air-Base-Extension: The Loxone Air Base Extension is used to extend the Miniserver and allows the integration of various devices that are equipped with the Loxone Air wireless technology.

AO-Extension: The Loxone AO Extension features 4 analog 0-10V outputs.

Audioserver: The Loxone Audioserver is an audio solution for any building. It is designed for professionals with different input options and four output channels.

DALI- Extension: The Loxone DALI Extension is designed to integrate devices with DALI interface

DI- Extension: The Loxone DI Extension features 20 digital inputs.

DMX- Extension: The Loxone DMX Extension is designed to integrate devices with DMX interface.

NX- Extension: The Loxone KNX Extension is designed to integrate devices with KNX interface.

Miniserver-Go: The Loxone Miniserver Go serves as central control unit for all kinds of automation tasks. In addition to a LAN interface the devices are equipped with the Loxone Link and Air interfaces for expansion purposes.

Modbus- Extension: The Loxone Modbus Extension is designed to integrate devices with Modbus RTU interface.

RS232- Extension: The Loxone RS232 Extension is designed to integrate devices with RS232 interface.

RS485- Extension: The Loxone RS485 Extension is designed to integrate devices with RS485 interface.

Stereo- Extension: The Loxone Stereo Extension is a feature rich audio device for expanding the Loxone Audioserver.

Tree- Extension: The Loxone Tree Extension is used to extend the Miniserver and allows the integration of various devices that are equipped with the Loxone Tree technology.

Tree-to-Air-bridge: The Loxone Tree to Air Bridge is used to integrate various devices that are equipped with the Loxone Air wireless technology, or to extend the Loxone Air's signal range. It is connected via the Tree interface.

Date: 18 January, 2023   Signature: