Interface

LOXONE Air	868 MHz (SRD Band Europe), 4 channels, max. 15.1 mW e.r.p. 915 MHz (ISM Band Region 2), 10 channels, max. 13.2 mW internal antenna

Measurement Range

Temperature	-10 ... 125 °C ± 0.5 °C / -14 ... 257 °F ± 0.9 °F
Humidity	0 ... 100 % RH ± 2 % (non-condensing)
CO2	400 ... 5 000 ppm (± 100 ppm, ± 10 % of reading)

Ambient Conditions

Temperature	-20 ... 40 °C / -4 ... 104 °F
Humidity	max. 95 % RH (non-condensing)
Ingress Protection	IP30
CO2 Sensor Operating Conditions	10 ... 50 °C / 50 ... 122 °F 10 ... 90 % RH (non-condensing) max. dew point: 35 °C / 95 °F 850 ... 1 100 hPa

ⓘ Within the first 12 hours after power-up the CO2 sensor will automatically calibrate itself for the first time. During these period the sensor values may not be accurate.
The CO2 sensor recalibrates itself over time, assuming exposure to fresh air (~400 ppm CO2) at least once per week.

For more information about this product, visit
loxone.com/help/touch-slim-flex-air

Loxone Electronics GmbH
Smart Home 1
4154 Kollerschlag
Austria

Loxone UK
The Forum
Station Road
Theale, RG7 4RA
United Kingdom

Loxone US
3060 Plaza Drive
Suite 105
Garnet Valley, PA 19060
United States

V310826

For additional information, declaration of conformity, visit
www.loxone.com/datasheets

Need Help?
loxone.com/support

Touch Slim Flex 24 V CO2 Air

Part No.: 100690 (White)
Part No.: 100691 (Anthracite)

LOXONE

About the product

The Touch Slim Flex is a flexible control solution with up to 4 freely configurable touch points that can be set up as buttons or rockers. It enables intuitive control of lighting, shading, audio, and more. Integrated background illumination ensures reliable operation in low-light conditions or complete darkness. Its minimalist design blends seamlessly into any interior.

Features

- Up to 4 freely configurable touch areas (button or rocker function)
- Ideal for lighting, shading, audio & more
- Background illumination for use in the dark
- Integrated temperature, humidity & CO2 sensors
- Suitable for US 1-gang and IT 503E box size

Electrical Specifications

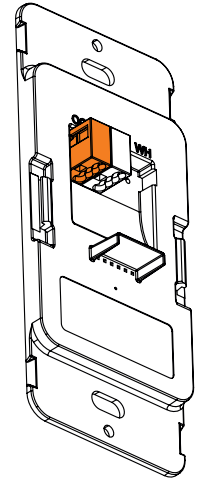
Supply Voltage	10 ... 30 V DC
Power Consumption	Standby: 0.1 W, max. 0.92 W at brightness 100 %

Operating Elements

Touch Area	capacitive touch detection up to 4 touch points
Click Feedback	Yes
Backlight	Yes

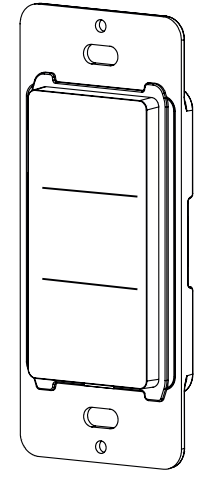
Safety Instructions

Installation must be carried out by a qualified electrician in accordance with the applicable regulations.
This device is maintenance-free and must only be cleaned with a dry cloth.



24 V DC Terminals

Wire cross-section	0.28 ... 0.8 mm² / AWG 23 ... 18
Stripping length	5 ... 6 mm / 0.2 ... 0.24"
Temperature resistance	-40 ... 105 °C / -40 ... 221 °F



Information

Contains **FCC ID: 2ARRV-000375**
This device complies with part 15 of the FCC Rules.
Operation is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.