Interface

LOXONE Tree	connection with Miniserver / Tree Extension

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-tree

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

Need Help?
loxone.com/support

V310826

Touch Slim Flex CO2 Tree

Part No.: 100692 (White)
Part No.: 100693 (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

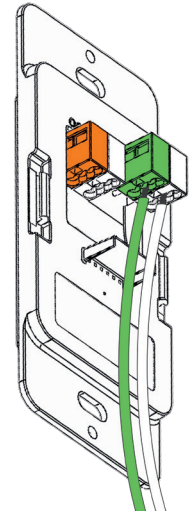
- Up to 4 freely configurable touch areas (button or rocker function)
- Ideal for lighting, shading, audio & more
- Background illumination for use in the dark
- Integrated temperature, humidity & CO2 sensors
- Suitable for US 1-Gang and IT 503E box size

Electrical Specifications

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

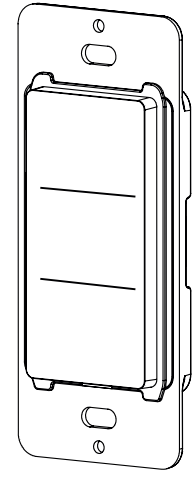
Operating Elements

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



24 V DC & LOXONE Tree 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



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.