

Datasheet

Touch Pure Flex Tree

Velvet White

Part No: 100867



About the product

The Touch Pure Flex is your 100% personalized control device with up to **12 freely definable and positionable touch points**. Menus, values, texts and statuses can be displayed using the integrated **LED matrix display** and **3 status LEDs**. An integrated sensor measures **temperature** and **relative humidity**. The integrated lighting makes the Touch Pure Flex ideal for operation in low-light conditions or complete darkness.

The **integrated lighting** makes the Touch Pure Flex perfect for operation in poor lighting conditions or darkness.

Electrical Specifications

Supply voltage	9 ... 28 V DC
Power consumption	Standby: 0.2 W, max. 0.9 W at brightness 100 %

Interfaces

LOXONE Tree	Connection with Miniserver / Tree Extension
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Operating Elements

Touch area	capacitive touch detection up to 12/14 touch points
Click feedback	Yes
Backlight	Yes

Measurement Range

Temperature	-10 ... 125 °C ± 0.5 °C / -14 ... 257 °F ± 0.9 °F
Humidity	0 ... 100 % RH ± 2 % (non-condensing)

Ambient Conditions

Temperature	-20 ... 40 °C / -4 ... 104 °F
Humidity	max. 95 % RH (non-condensing)
Ingress protection	IP20

Installation specifications

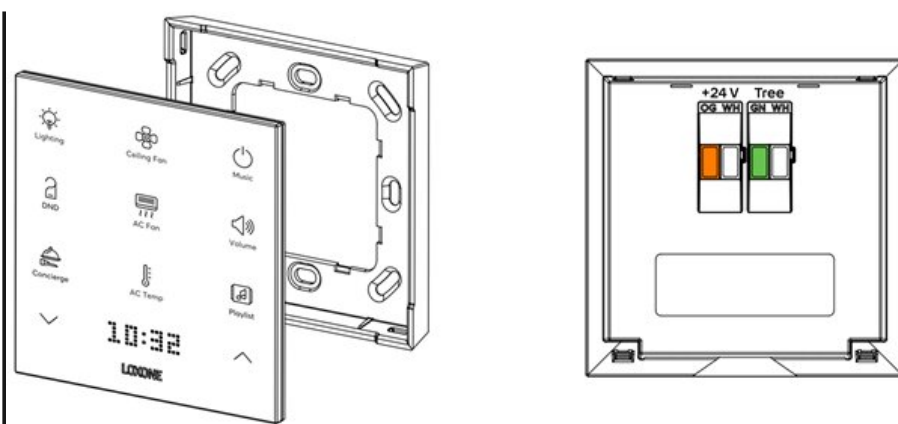
Recommended mounting height	135 cm / 53.15"
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Connection Terminals

Terminal type	DG220B
Wire cross-section	0.28 ... 0.8 mm ² / AWG 23 ... 18
Stripping length	5 ... 6 mm / 0.2 ... 0.24"
Temperature resistance	-40 ... 105 °C / -40 ... 221 °F

Connections

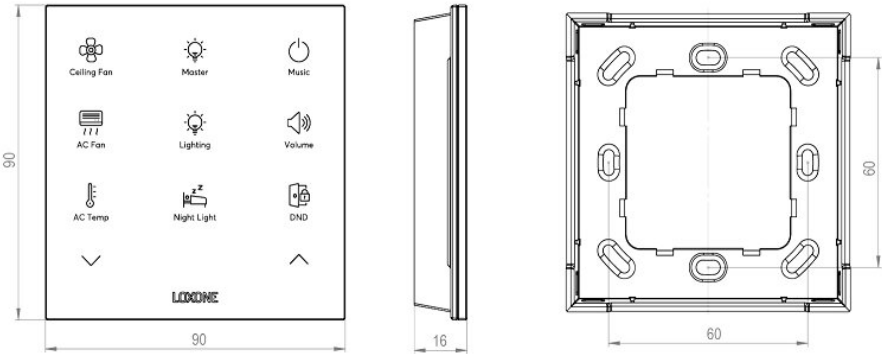
Connection Diagram



Product Characteristics

Colours	White: RAL 9002
Finish	Matte

Weight & Dimensions

Net weight	100 g
Total weight	142 g
Product dimensions	90 x 90 x 16 mm / 3.55 x 3.55 x 0.63" (L x W x H)
Product dimensions drawing	
Pack size	104 x 107 x 39 mm / 4.09 x 4.21 x 1.54" (L x W x H)

Certifications & Standards

Standards	• IEC 62368-1:2018 • UL 62368-1:2019 Ed. 3+R:22Oct2021 • CSA C22.2 No. 62368-1:2019 Ed. 3+U1 • SASO IEC 62368-1:2020
Certifications	

Installation must be carried out by a qualified electrician in accordance with the relevant regulations.

Published by

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Datenblatt

Touch Pure Flex Tree

Samtweiß

Part No: 100867



Über das Produkt

Der Touch Pure Flex ist mit bis zu **12 frei definier- und positionierbaren Touchpunkten** dein 100% personalisiertes Bediengerät. Mit dem integrierten **LED Matrix Display**, sowie **3 Status LEDs** können Menüs, Werte, Texte und Stati ausgegeben werden.

Durch die **integrierte Beleuchtung** ist der Touch Pure Flex perfekt für die Bedienung in schlechten Lichtverhältnissen oder Finsternis geeignet.

Elektrische Spezifikationen

Versorgungsspannung

9 ... 28 V DC

Leistungsaufnahme

Standby: 0,2 W,
max. 0,9 W bei Helligkeit 100 %

Schnittstellen

LOXONE Tree

Verbindung mit Miniserver / Tree Extension

Bedienelemente

Tastbereich

kapazitive Berührungserkennung
bis zu 12/14 Tastpunkte

Klick Feedback

Ja

Hintergrundbeleuchtung

Ja

Messbereich

Temperatur

-10 ... 125 °C ± 0,5 °C / -14 ... 257 °F ± 0,9 °F

Luftfeuchtigkeit

0 ... 100 % r. F. ± 2 % (nicht kondensierend)

Umgebungsbedingungen

Temperatur	-20 ... 40 °C / -4 ... 104 °F
Luftfeuchtigkeit	max. 95 % r. F. (nicht kondensierend)
Schutzart	IP20

Installationsspezifikationen

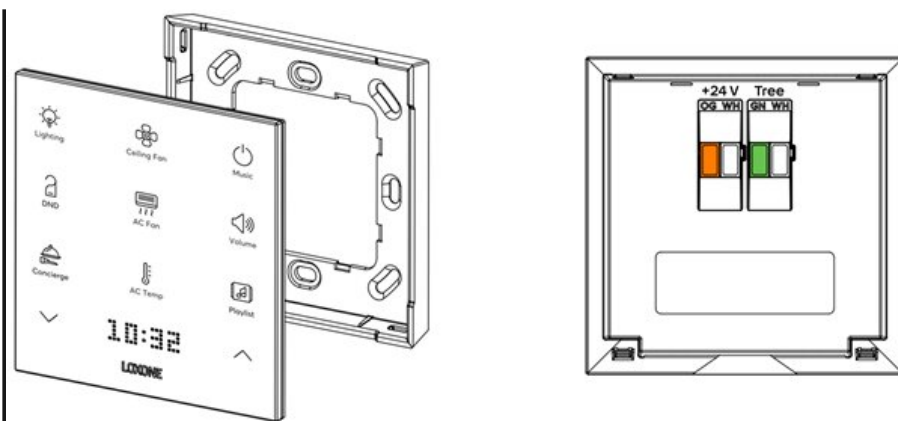
Empfohlene Montagehöhe	135 cm / 53,15"
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Anschlussklemmen

Klemmentyp	DG220B
Leiterquerschnitt	0,28 ... 0,8 mm ² / AWG 23 ... 18
Abisolierlänge	5 ... 6 mm / 0,2 ... 0,24"
Temperaturbeständigkeit	-40 ... 105 °C / -40 ... 221 °F

Anschlüsse

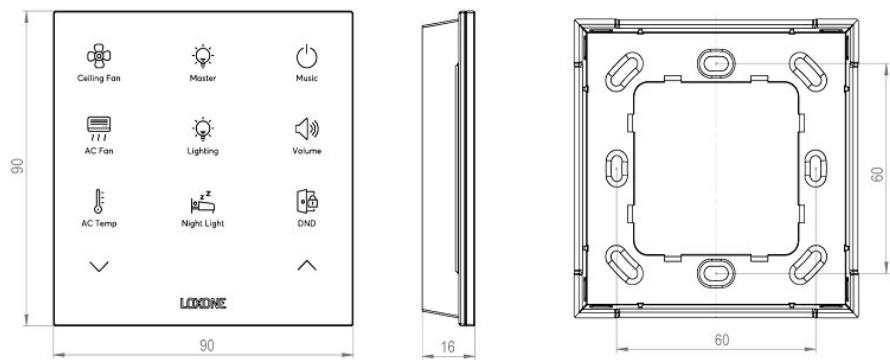
Anschlussplan



Produkteigenschaften

Farbe	Weiß: RAL 9002
Glanzgrad	Matt

Gewicht & Abmessungen

Nettogewicht	100 g
Bruttogewicht	142 g
Produktmaße	90 x 90 x 16 mm / 3,55 x 3,55 x 0,63" (L x B x H)
Produktmaßzeichnung	 The technical drawing consists of three views: a front view, a side view, and a top view. The front view shows a square face with a 90x90 mm footprint, featuring nine touch-sensitive icons arranged in a 3x3 grid: Ceiling Fan, Master, Music, AC Fan, Lighting, Volume, AC Temp, Night Light, and DND. Below the icons is the 'LOXONE' logo and two arrow icons for navigation. The side view shows the device's thickness of 16 mm. The top view shows the internal layout with a 60x60 mm central area and mounting points around the perimeter. Dimensions are indicated with arrows and numbers: 90 mm for width and height, 16 mm for thickness, and 60 mm for the inner square area.
Packmaß	104 x 107 x 39 mm / 4,09 x 4,21 x 1,54" (L x B x H)

Zertifizierungen & Standards

Normen	• IEC 62368-1:2018 • UL 62368-1:2019 Ed. 3+R:22Oct2021 • CSA C22.2 Nr. 62368-1:2019 Ed. 3+U1 • SASO IEC 62368-1:2020
Zertifizierungen	 The certification logos shown are the CE mark, the ETL Intertek mark, and the CB mark.

Die Installation muss von einer qualifizierten Elektrofachkraft gemäß den einschlägigen Vorschriften durchgeführt werden.

Veröffentlicht von

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