

Datasheet

Touch Pure Flex Battery Air Velvet White

Part No: 100863



About the product

The Touch Pure Flex Air 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***. In addition, the Touch Pure Flex Air also serves as a room climate sensor thanks to the **integrated temperature and humidity sensor**.

Electrical Specifications

Supply voltage	9 ... 28 V DC or 2x AAA batteries
Power consumption	typ. 0.2 W, max. 1.7 W at display brightness 100 %
Power loss	max. 1.7 W
Battery Lifetime	up to 1 year

Interfaces

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
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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	IP44

Installation specifications

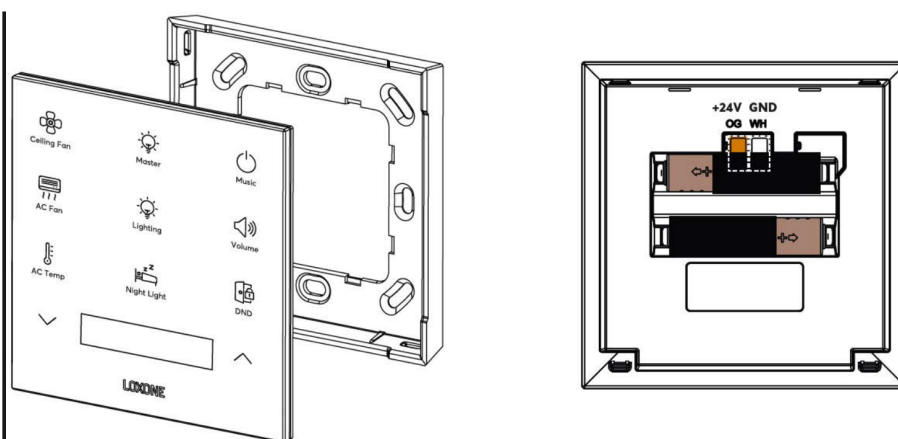
Recommended mounting height	135 cm / 53.15"
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Connection Terminals

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

Connection Diagram

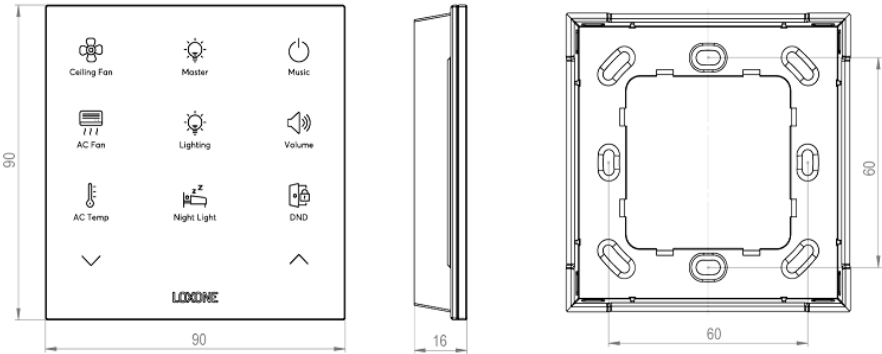
Connection Diagram



Product Characteristics

Colours	White: RAL 9002
Finish	Matte

Weight & Dimensions

Net weight	102 g
Total weight	167 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

Battery Air Samtweiß

Part No: 100863



Über das Produkt

Der Touch Pure Flex Air 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. Zudem dient der Touch Pure Flex Air dank **integriertem Temperatur- und Feuchtesensor** zugleich als Raumklimasensor.

Elektrische Spezifikationen

Versorgungsspannung	9 ... 28VDC oder 2x AAA Batterien
Leistungsaufnahme	typ. 0,2 W, max. 1,7 W bei Display Helligkeit 100 %
Verlustleistung	max. 1.7 W
Batterie Lebensdauer	bis zu 1 Jahr

Schnittstellen

LOXONE Air	868 MHz (SRD Band Europa), 4 Kanäle, max. 15,1 mW e.r.p. 915 MHz (ISM Band Region 2), 10 Kanäle, max. 13,2 mW interne Antenne
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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	IP44

Installationsspezifikationen

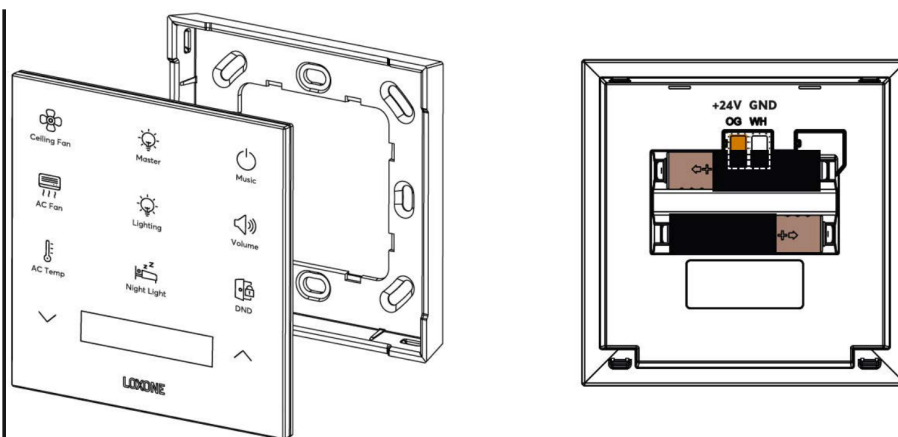
Empfohlene Montagehöhe	135 cm / 53,15"
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Anschlussklemmen

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

Anschlussplan

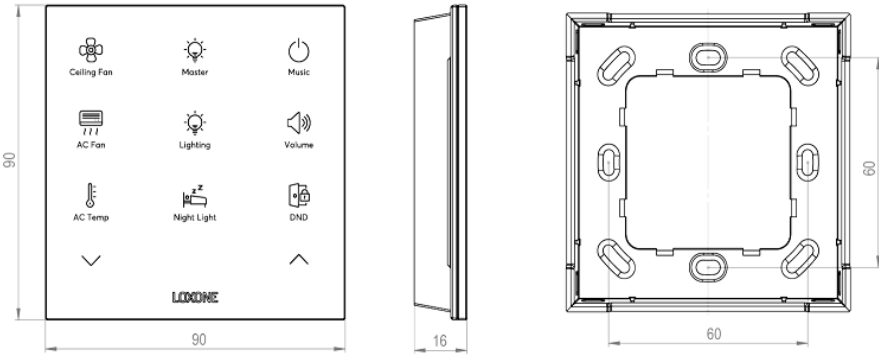
Anschlussplan



Produkteigenschaften

Farbe	Weiß: RAL 9002
Glanzgrad	Matt

Gewicht & Abmessungen

Nettogewicht	102 g
Bruttogewicht	167 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 is a square with a width of 90 mm and a height of 90 mm. It contains nine 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. The side view shows a thickness of 16 mm. The top view shows a square with a width of 90 mm and a height of 90 mm, with a central square of 60 mm by 60 mm. The top view also shows eight mounting holes around the perimeter.
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 are CE, ETL Intertek, and CB.

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

Veröffentlicht von

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