

Datasheet

Touch Pure Tree White

Part No: 100792



About the product

The **Loxone Touch Pure** combines **user-friendliness** with an architecturally friendly, **clear design**. **Five touch points** with **symbols** enable **intuitive operation of central room functions**. A discreet click provides acoustic feedback with every touch. Integrated sensors reliably monitor temperature and relative humidity.

Features:

- One control element to control lighting, shading, audio and much more.
- Integrated sensors for temperature (-40 ... +125 °C) and humidity (0 ... 100 %) for room climate control
- Integrated orientation light for better orientation in the dark
- High-quality feel and look
- Maximum user-friendliness
- Easy installation thanks to Loxone Tree technology

Electrical Specifications

Supply voltage	6 ... 30 VDC
Power consumption	typ. 0.049 W, max. 0.095 W
Power loss	max. 0.095 W
Battery lifetime	up to 2 years

Functional Specifications

Touch points (5)	capacitive touch detection
Click feedback	Yes
Temperature detection range	-10 ... 125 °C ± 0.5 °C / 14 ... 257 °F ± 0.9 °F
Humidity detection range	0 ... 100 % r.H. ± 2 % (non-condensing)
Backlight	Yes
Recommended mounting height	135 cm / 53.15"

Interfaces

Loxone Tree	Connection with Miniserver / Tree Extension
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Ambient Conditions

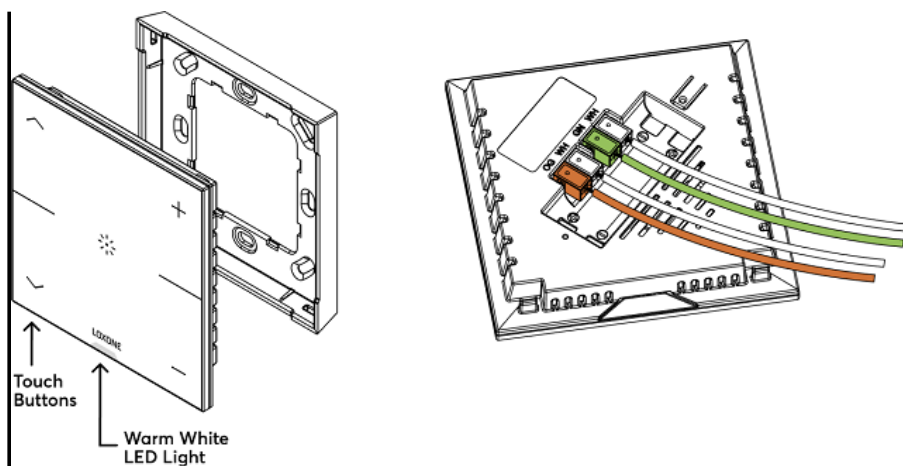
Temperature	-20 ... 70 °C / -4 ... 158 °F
Humidity	max. 95 % r. h. (non-condensing)
Ingress protection	IP30

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 - Part No. 100792 Anthracite: RAL 9005 - Part No. 100793 Gold: Part. No. 100794
Finish	Matte

Weight & Dimensions

Net weight	110 g
Total weight	136 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	<p>The drawing consists of three views: a front view showing a square face with a width of 90 mm and a height of 90 mm; a side view showing a thickness of 16 mm and a mounting bracket width of 81.5 mm; and a top view showing a square footprint with an outer side length of 85.4 mm and an inner square cutout with a side length of 60 mm. The distance from the center of the cutout to the inner edge of the square is 27.7 mm, and the distance from the center to the outer edge is 42.7 mm. The LOXONE logo is visible on the front view.</p>
Pack size	104 x 107 x 39 mm / 4.09 x 4.21 x 1.54" (L x W x H)

Certifications & Standards

Certifications	UL 62368-1 CSA C22.2#62368-1
Certifications	<p>The image shows three certification logos: the CE mark, the UKCA mark, and the ETL Intertek mark.</p>

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

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Datenblatt

Touch Pure Tree Weiß

Part No: 100792



Über das Produkt

Der **Loxone Touch Pure** vereint **Benutzerfreundlichkeit** mit einem architekturfreundlichen, **klaren Design**. **Fünf Tastpunkte** mit **Symbolen** ermöglichen die **intuitive Bedienung zentraler Raumfunktionen**. Ein dezentes Klicken gibt akustische Rückmeldung bei jeder Berührung. Integrierte Sensoren erfassen Temperatur und relative Luftfeuchtigkeit zuverlässig.

Features:

- Ein Bedienelement zur Steuerung von Beleuchtung, Beschattung, Audio u. v. m.
- Integrierte Sensoren für Temperatur (-40 ... +125 °C) und Luftfeuchtigkeit (0 ... 100 %) zur Raumklimasteuerung
- Integriertes Orientierungslicht für bessere Orientierung im Dunkeln
- Hochwertige Haptik und Optik
- Maximale Benutzerfreundlichkeit
- Einfache Installation dank Loxone Tree Technologie

Elektrische Spezifikationen

Versorgungsspannung	6 ... 30 VDC
Leistungsaufnahme	typ. 0,049 W, max. 0,095 W
Verlustleistung	max. 0,095 W
Batterie Lebensdauer	bis zu 2 Jahre

Funktionale Spezifikationen

Tastpunkte (5)	kapazitive Berührungserkennung
Klick Feedback	Ja
Messbereich Temperatursensor	-10 ... 125 °C ± 0,5 °C / 14 ... 257 °F ± 0,9 °F
Messbereich Luftfeuchtigkeitssensor	0 ... 100 % r.H. ± 2 % (nicht kondensierend)
Hintergrundbeleuchtung	Ja
Empfohlene Montagehöhe	135 cm / 53,15"

Schnittstellen

Loxone Tree	Verbindung mit Miniserver / Tree Extension
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Umgebungsbedingungen

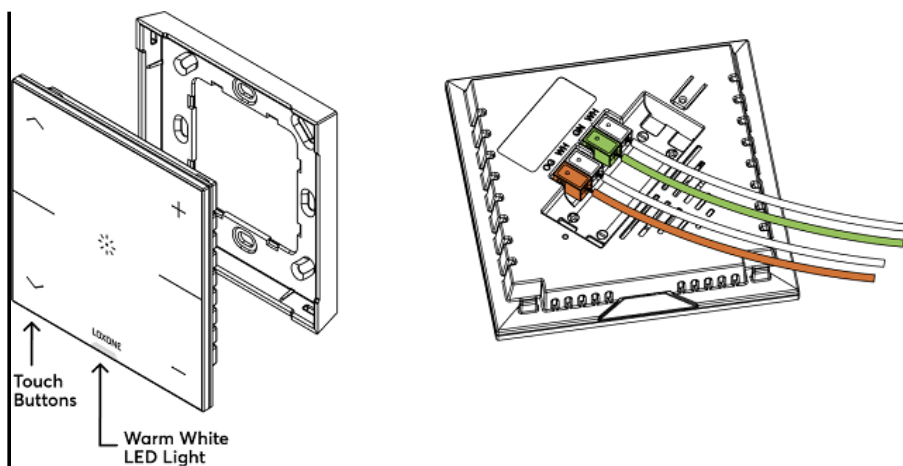
Temperatur	-20 ... 70 °C / -4 ... 158 °F
Luftfeuchtigkeit	max. 95 % r. F. (nicht kondensierend)
Schutzart	IP30

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 - Art. Nr. 100792 Anthrazit: RAL 9005 - Art. Nr. 100793 Gold: Art. Nr. 100794
Glanzgrad	Matt

Gewicht & Abmessungen

Nettogewicht	110 g
Bruttogewicht	136 g
Produktmaße	90 x 90 x 16 mm / 3,55 x 3,55 x 0,63" (L x B x H)
Produktmaßzeichnung	<p>The technical drawing consists of three views: a front view, a side view, and a top view. The front view shows a square device with a width of 90 mm and a height of 90 mm. The bottom edge has a width of 81.5 mm and a thickness of 16 mm. The side view shows the device's profile. The top view shows a square with a side length of 85.4 mm. It features a central square with a side length of 60 mm. The distance from the center to the top and bottom edges of the inner square is 27.7 mm. The distance from the center to the left and right edges of the inner square is 42.7 mm. There are four circular components arranged in a square pattern around the center.</p>
Packmaß	104 x 107 x 39 mm / 4.09 x 4.21 x 1.54" (L x W x H)

Zertifizierungen & Standards

Zertifizierungen	UL 62368-1 CSA C22.2#62368-1
Zertifizierungen	<p>The certification logos include the CE mark, the UKCA mark, and the ETL Intertek mark. The ETL Intertek mark is a circular logo with 'ETL' in the center and 'Intertek' below it, with 'c' and 'us' on either side.</p>

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

**Veröffentlicht von
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