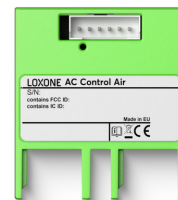


## Datasheet

### AC Control Air for Daikin P1P2

Part No: 100559



#### About the product

With the AC Control Air for Daikin P1P2 you can integrate Daikin air conditioning systems **easily, quickly and seamlessly** into your Loxone installation. The intelligent control of the air conditioning units can significantly increase comfort and at the same time reduce energy consumption **by more than 30%**.

##### Features:

- Simple, intuitive operation using Loxone controls or the Loxone app
- Heating & cooling according to needs in combination with presence detection, window status, shading and weather forecast
- Cost-effective heating & cooling thanks to integration into the energy management system (e.g. use of PV surplus)
- Optimal coordination of the air conditioning unit with other heating & Cooling sources for maximum energy efficiency
- Simplified integration of the grid-friendly control
- Invisible plug & play installation within the air conditioning system
- Analyze and optimize with individual status messages, statistics and notifications

#### Technical Data

|                     |                                |
|---------------------|--------------------------------|
| Power Supply        | via AC unit                    |
| Power consumption   | typ. 0.22W, max. 0.35W         |
| Ambient temperature | -20 ... 65°C / -4 ... 149°F    |
| Humidity            | max. 95% r.H. (non condensing) |

#### Interfaces

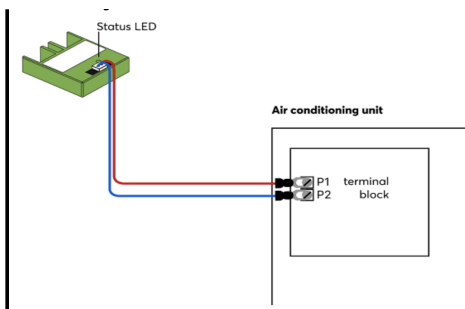
|            |                                                                                                                                |
|------------|--------------------------------------------------------------------------------------------------------------------------------|
| Loxone Air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

## Connecting Cable

|                        |                             |
|------------------------|-----------------------------|
| Wire cross-section     | 0.34mm <sup>2</sup> / AWG22 |
| Temperature resistance | 80°C / 176°F                |
| Length                 | 300mm / 11.81"              |
| Part. No.              | 000580                      |

## Connection Diagram

Connection Diagram



## Product Characteristics

|         |                 |
|---------|-----------------|
| Colours | Green: RAL 6018 |
| Finish  | Matte           |

## Weight & Dimensions

|                            |                                                                                                                                                                                                                                                                                           |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Net weight                 | 54 g                                                                                                                                                                                                                                                                                      |
| Total weight               | 74 g                                                                                                                                                                                                                                                                                      |
| Product dimensions         | 38.3x34.3x10.5mm / 1.50x1.35x0.41" (LxWxH)                                                                                                                                                                                                                                                |
| Product dimensions drawing | <p>The drawing shows two views of the product. The top view is a rectangle with dimensions 34.3 mm (width) and 38.3 mm (height). The side view is a rectangle with dimensions 10.5 mm (width) and 38.3 mm (height). The top view also shows a small rectangular cutout in the center.</p> |
| Pack size                  | 79x79x41mm / 3.11x3.11x1.61" (LxWxH)                                                                                                                                                                                                                                                      |

## Certifications & Standards

|                |                                                                                |
|----------------|--------------------------------------------------------------------------------|
| Safety class   | IP20                                                                           |
| Certifications | <p>The image shows two certification logos: the CE mark and the UKCA mark.</p> |

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

**Published by**

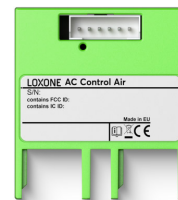
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## Datenblatt

### AC Control Air for Daikin P1P2

Part No: 100559



## Über das Produkt

Mit dem AC Control Air für Daikin P1P2 binden Sie Daikin Klimaanlage **einfach, schnell und nahtlos** in Ihre Loxone Installation ein. Durch die intelligente Ansteuerung der Klimageräte lässt sich der **Komfort deutlich erhöhen** und der **Energieverbrauch gleichzeitig um mehr als 30% senken**.

### Features:

- Einfache, intuitive Bedienung mithilfe Loxone Bedienelementen oder mit der Loxone App
- Bedarfsgerechtes Heizen & Kühlen in Kombination mit Präsenzerkennung, Fensterstatus, Beschattung und Wettervorhersage
- Kostengünstiges Heizen & Kühlen dank Einbindung in das Energiemanagementsystem (z.B.: PV-Überschuss nutzen)
- Optimale Abstimmung des Klimageräts auf andere Heiz- & Kühlquellen für maximale Energieeffizienz
- Erleichterte Integration der netzdienlichen Steuerung
- Unsichtbare Plug & Play-Montage innerhalb der Klimaanlage
- Analysieren und optimieren mit individuellen Statusmeldungen, Statistiken und Benachrichtigungen

## Technische Daten

|                     |                                     |
|---------------------|-------------------------------------|
| Spannungsversorgung | von Klimaanlage                     |
| Leistungsaufnahme   | typ. 0.22W, max. 0.35W              |
| Umgebungstemperatur | -20 ... 65°C / -4 ... 149°F         |
| Luftfeuchtigkeit    | max. 95% r.H. (nicht kondensierend) |

## Schnittstellen

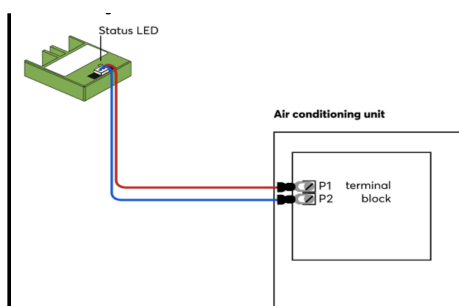
|            |                                                                                                                           |
|------------|---------------------------------------------------------------------------------------------------------------------------|
| Loxone Air | 868MHz (SRD Band Europa), 4 Kanäle, max. 15.1mW e.r.p. 915MHz (ISM Band Region 2), 10 Kanäle, max. 13.2mW interne Antenne |
|------------|---------------------------------------------------------------------------------------------------------------------------|

## Verbindungskabel

|                         |                             |
|-------------------------|-----------------------------|
| Leiterquerschnitt       | 0,34mm <sup>2</sup> / AWG22 |
| Temperaturbeständigkeit | 80°C / 176°F                |
| Länge                   | 300mm / 11,81"              |
| Art. Nr.                | 000580                      |

## Anschlussplan

Anschlussplan



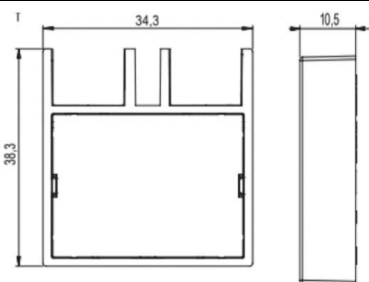
## Produkteigenschaften

|           |                |
|-----------|----------------|
| Farbe     | Grün: RAL 6018 |
| Glanzgrad | Matt           |

## Gewicht & Abmessungen

|               |                                            |
|---------------|--------------------------------------------|
| Nettogewicht  | 54 g                                       |
| Bruttogewicht | 74 g                                       |
| Produktmaße   | 38.3x34.3x10.5mm / 1.50x1.35x0.41" (LxWxH) |

Produktmaßzeichnung



|         |                                      |
|---------|--------------------------------------|
| Packmaß | 79x79x41mm / 3,11x3,11x1,61" (LxBxH) |
|---------|--------------------------------------|

## Zertifizierungen & Standards

|                  |                                                                                                                                                                         |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Schutzklasse     | IP20                                                                                                                                                                    |
| Zertifizierungen |   |

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

**Veröffentlicht von**

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