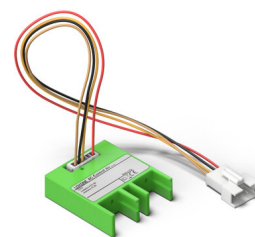


Datasheet

AC Control Air for Gree

Part No: 100553



About the product

With the AC Control Air for Gree you can integrate Gree 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

Electrical Specifications

Power Supply	via AC unit (10 ... 30 VDC)
Power consumption	typ. 0.3 W, max. 0.6 W
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

Ambient Conditions

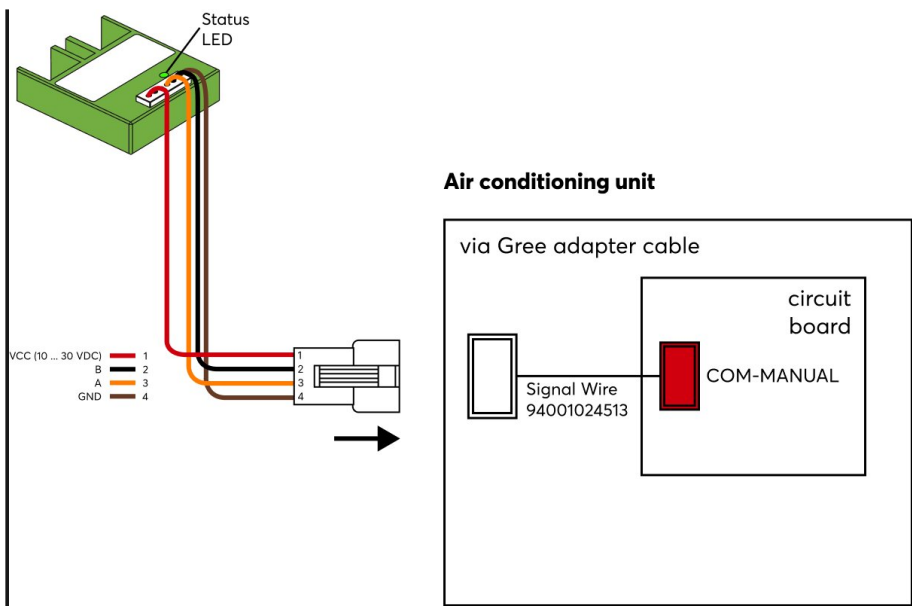
Temperature	-20 ... 65°C / -4 ... 149°F
Humidity	max. 95% r.H. (non condensing)

Connecting Cable

Wire cross-section	0.14 mm² / AWG 26
Temperature resistance	80 °C / 176 °F
Length	300 mm / 11.81"
Part. No.	000581

Connection Diagram

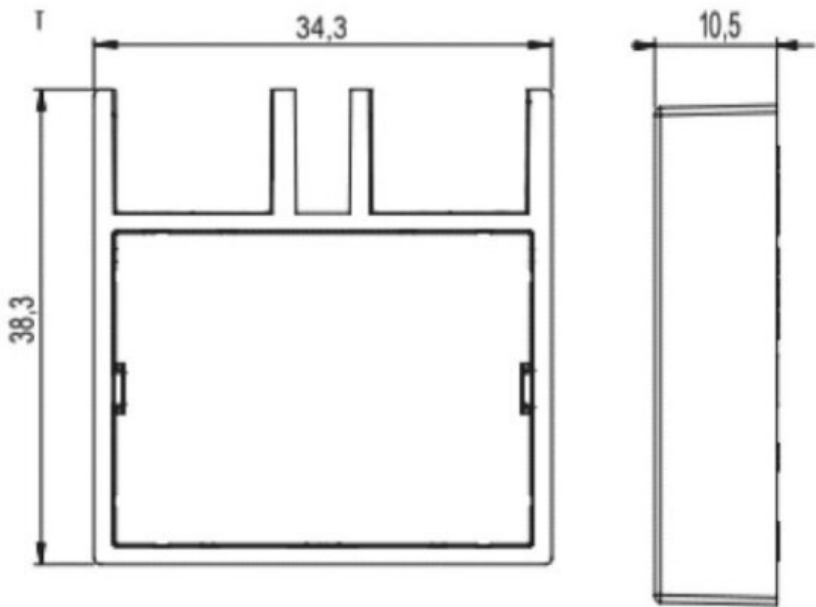
Connection Diagram



Product Characteristics

Colours	Green: RAL 6018
Finish	Matte

Weight & Dimensions

Net weight	54 g
Total weight	74 g
Product dimensions	38.3 x 34.3 x 10.5 mm / 1.50 x 1.35 x 0.41" (L x W x H)
Product dimensions drawing	 The drawing shows two views of the product. The top view is a rectangle with a width of 34.3 mm and a height of 38.3 mm. It features a central rectangular cutout and two small rectangular protrusions on the top edge. The side view shows a rectangular profile with a height of 10.5 mm. Dimension lines and arrows indicate the measurements for each view.
Pack size	79 x 79 x 41 mm / 3.11 x 3.11 x 1.61" (L x W x H)

Certifications & Standards

Safety class	IP20
Certifications	 

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

Published by

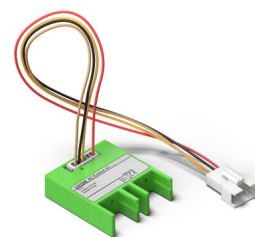
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Datenblatt

AC Control Air für Gree

Part No: 100553



Über das Produkt

Bindet Gree-Klimaanlagen nahtlos in LOXONE ein – mehr Komfort & über 30 % weniger Verbrauch durch intelligente Steuerung.

Features:

- Plug & Play – Inbetriebnahme in wenigen Minuten, Montage unsichtbar innerhalb der Klimaanlage
- Automatisches Heizen & Kühlen mit Präsenzerkennung, Fensterstatus und Wettervorhersage – immer die richtige Temperatur ohne manuelles Eingreifen
- PV-Überschuss und Spotpreise automatisch nutzen
- Smart-Grid-ready: sanftes Drosseln statt harter Abschaltung (§ 14a EnWG-konform)
- Bedienung jederzeit über die LOXONE App oder Bedienelemente inkl. Statistikfunktionen und Benachrichtigungen

Elektrische Spezifikationen

Spannungsversorgung	von Klimaanlage (10 ... 30 VDC)
Leistungsaufnahme	typ. 0,3 W, max. 0,6 W
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

Umgebungsbedingungen

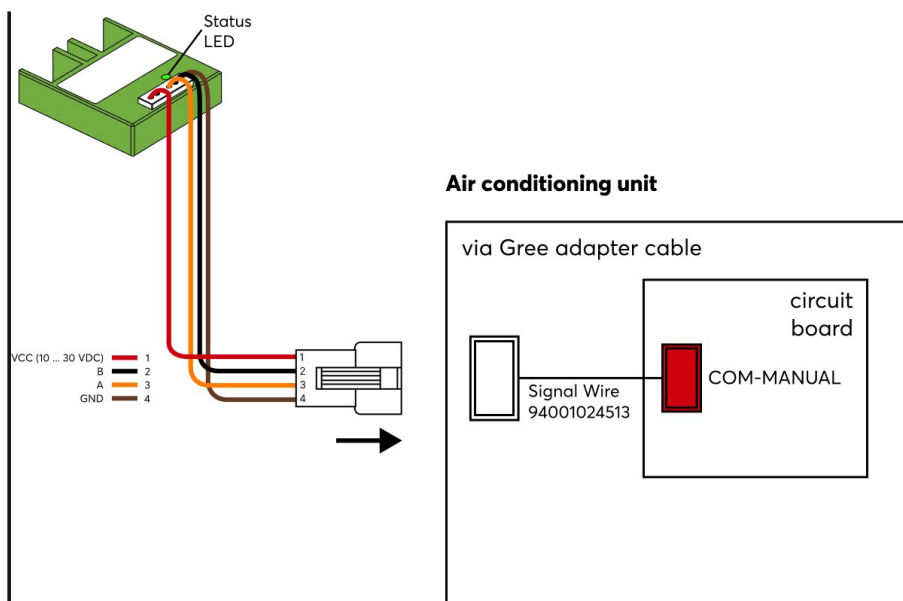
Temperatur	-20 ... 65°C / -4 ... 149°F
Luftfeuchtigkeit	max. 95% r.H. (nicht kondensierend)

Verbindungskabel

Leiterquerschnitt	0.14 mm ² / AWG 26
Temperaturbeständigkeit	80 °C / 176 °F
Länge	300 mm / 11,81"
Art. Nr.	000581

Anschlussplan

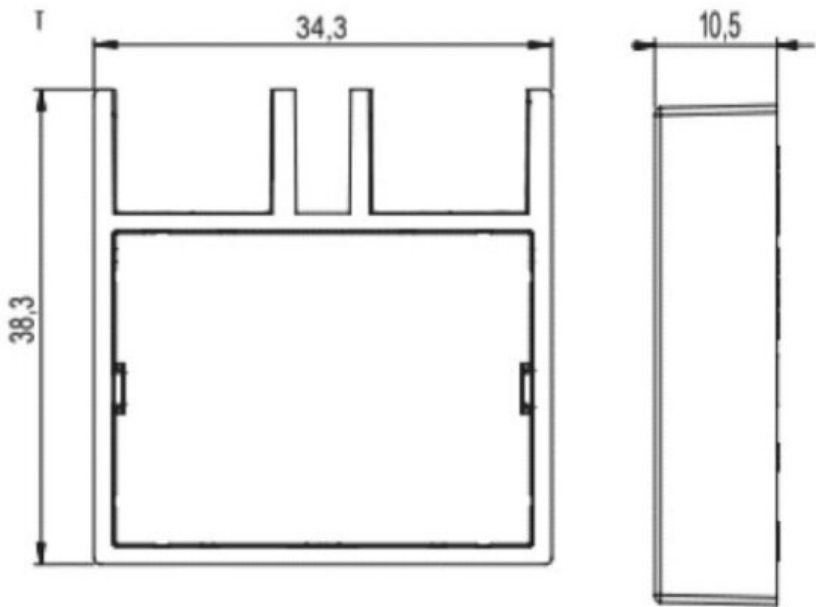
Anschlussplan



Produkteigenschaften

Farbe	Grün: RAL 6018
Glanzgrad	Matt

Gewicht & Abmessungen

Nettogewicht	54 g
Bruttogewicht	74 g
Produktmaße	38,3 x 34,3 x 10,5 mm / 1,50 x 1,35 x 0,41" (L x B x H)
Produktmaßzeichnung	 The technical drawing shows two views of the device. The top view is a rectangle with a width of 34,3 mm and a height of 38,3 mm. It features a central rectangular cutout and two small rectangular protrusions on the top edge. The side view shows a rectangular profile with a height of 10,5 mm. The drawing is labeled with dimensions: 34,3, 38,3, and 10,5.
Packmaß	79 x 79 x 41 mm / 3,11 x 3,11 x 1,61" (L x B x H)

Zertifizierungen & Standards

Schutzklasse	IP20
Zertifizierungen	 

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

Veröffentlicht von

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