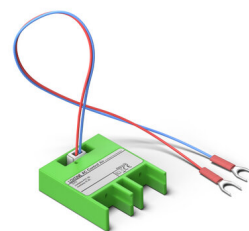


Datasheet

AC Control Air for Mitsubishi Heavy Industries

Part No: 100558



About the product

With the AC Control Air for Mitsubishi Heavy Industries, you can integrate Mitsubishi 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 ... 26 VDC)
Power consumption	typ. 0.22 W, max. 0.35 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

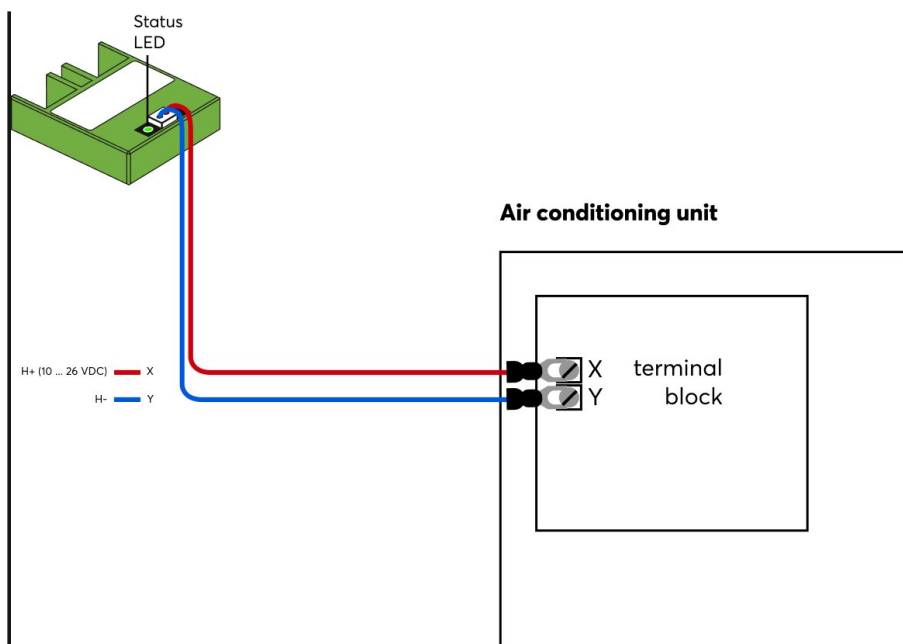
Temperature	-20 ... 65°C / -4 ... 149°F
Humidity	max. 95% r.H. (non condensing)

Connecting Cable

Wire cross-section	0.34 mm ² / AWG 22
Temperature resistance	80 °C / 176 °F
Length	300 mm / 11.81"
Part. No.	000580

Connection Diagram

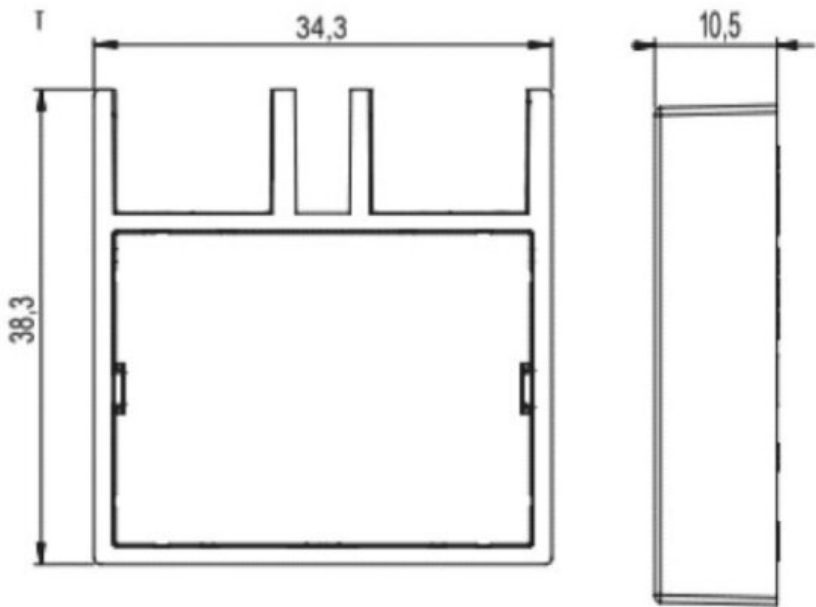
Connection Diagram



Product Characteristics

Colours	Green: RAL 6018
Finish	Matte

Weight & Dimensions

Net weight	54 g
Total weight	74 g
Product dimensions	38.3 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 front view on the left 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 vertical protrusions on the top edge. The side view on the right shows the product's thickness, which is 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

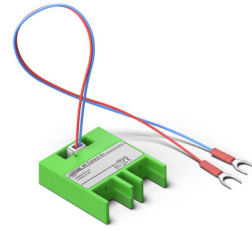
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Datenblatt

AC Control Air für Mitsubishi Heavy Industries

Part No: 100558



Über das Produkt

Bindet Klimaanlage von Mitsubishi Heavy Industries 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 ... 26 VDC)
Leistungsaufnahme	typ. 0,22 W, max. 0,35 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

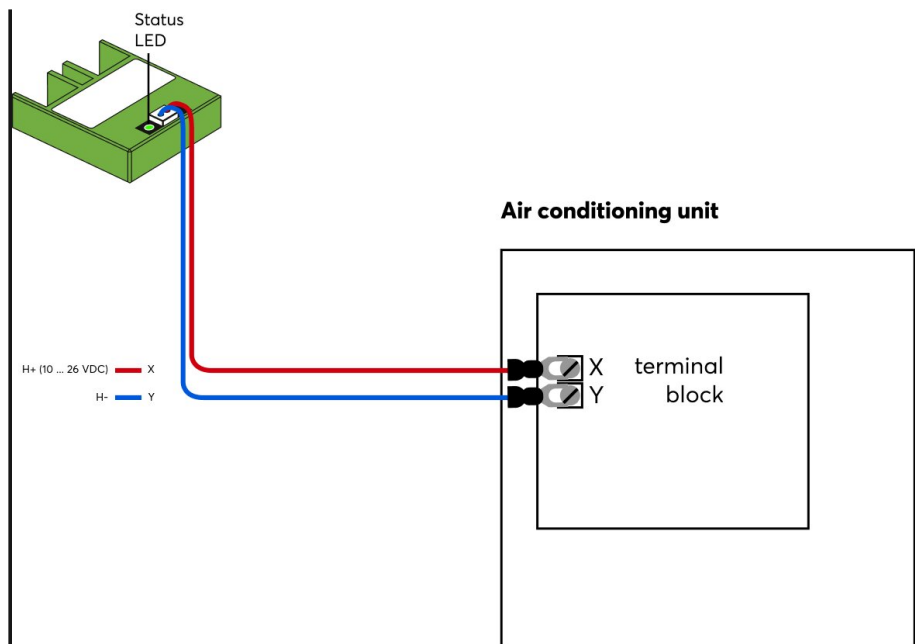
Temperatur	-20 ... 65°C / -4 ... 149°F
Luftfeuchtigkeit	max. 95% r.H. (nicht kondensierend)

Verbindungskabel

Leiterquerschnitt	0,34 mm ² / AWG 22
Temperaturbeständigkeit	80 °C / 176 °F
Länge	300 mm / 11,81"
Art. Nr.	000580

Anschlussplan

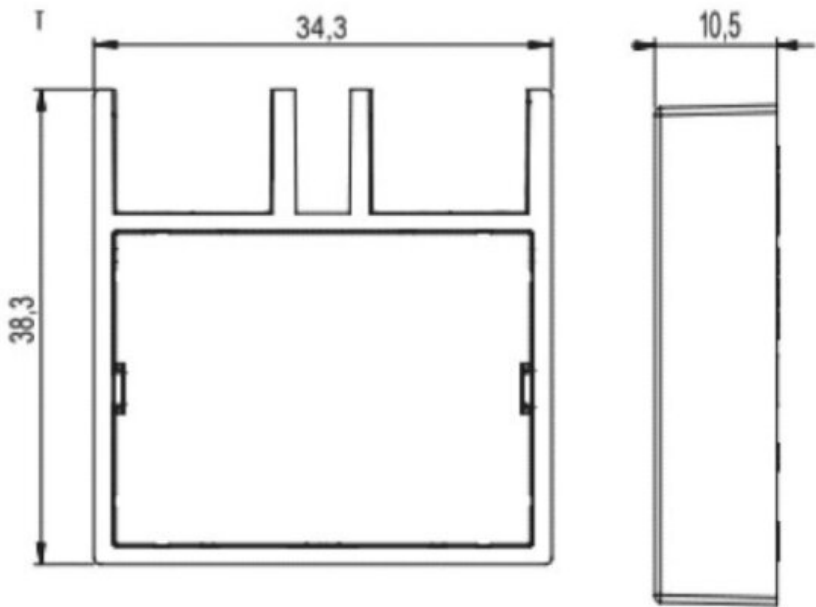
Anschlussplan



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	
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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