

Duco Connectivity Board 2.0

ENGLISH en

INSTALLATION MANUAL

APPLICATION

The optional Duco Connectivity Board can be applied to the DucoBox Silent Connect, DucoBox Focus and DucoBox Energy. This PCB enables interfacing towards home automation and building management systems via REST API (locally or via the cloud) or Modbus TCP (locally). Both are possible via Ethernet or Wi-Fi. The Duco Connectivity Board also enables the Duco Installation App to be used.



MOUNTING

1 Isolate the DucoBox.	2a Click the Duco Connectivity Board into the designated position.	2b For DucoBox Energy only: Connect the cable.	3 Restore power to the DucoBox.

CONNECTION TO THE NETWORK

Connect the Duco Connectivity Board to the local network (of the resident) to link the DucoBox to a home automation or building management system via REST API. Connection to the local network is possible via Ethernet or Wi-Fi. If an Ethernet cable is connected, it is always given priority.

Ethernet

Connect the Duco Connectivity Board to the network router with an Ethernet cable. The LED on the Duco Connectivity Board flashes green when it is connected to the Wi-Fi network.

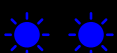
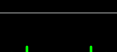
Wi-Fi - Commissioning method:

1	Activate the local point-to-point Wi-Fi by pressing the INST button on the Duco Connectivity Board for at least 10 seconds until 1 LED lights up blue.			DucoBox Focus Connected: press and hold the INST button for at least 10 seconds	
2	Use your smartphone to connect to the Wi-Fi network of the Connectivity Board. The Connectivity Board automatically enables the network named 'DUCO'. Use the default password to connect: 12345678 This can easily be done by scanning the following QR code →		From software version 21123.8.3.0.		
3	Verify that both LEDs on the Connectivity Board light up blue. This indicates that your smartphone is correctly connected to the Connectivity Board.				
4	Browse with your smartphone to: http://192.168.4.1/wifisetup.html or scan this QR code →		From software version 21123.8.3.0.		
5	Select your Wi-Fi network, enter your password, save & exit access point mode.				
6	The configuration is complete: both LEDs of the Connectivity Board are flashing green.				

Optional: make use of our user application, **Duco Installation App**, at <https://home.duco.eu>



LED INDICATIONS

	RED (flashing) Not connected
	ORANGE (flashing) Transitional phase (please wait)
	YELLOW (lit) Local point-to-point Wi-Fi active
	YELLOW (lit) Connected to local point-to-point Wi-Fi
	BLUE (lit) General DUCO Wi-Fi active
	BLUE (lit) Connected to general DUCO Wi-Fi
	GREEN (flashing) Connected to the resident's network (via Ethernet or Wi-Fi)
	GREEN (flashing) Connected to the resident's network (via Ethernet or Wi-Fi) + Cloud connection activated
	PURPLE (flashing) Software update (please wait)

SCOPE OF DELIVERY

Before starting to install the PCB, check to ensure it is complete and undamaged. The Duco Connectivity Board includes the following components:

- Duco Connectivity Board
- Installation manual

Keep the installation manual in a safe place and pass it on to anyone who may use the unit after you. The manual for all products can also always be found on the DUCO website: www.duco.eu

TRANSPORT AND PACKAGING

Be careful while transporting and unpacking the product. Avoid violent shocks during transport and use of the product. When unpacking the unit, check any loose parts and accessories for transport damage. Dispose of the packaging material in an environmentally friendly manner after unpacking. Returning the packaging to the recycling loop saves raw materials and reduces the amount of waste.



END OF SERVICE LIFE

Disposal of the unit: old electrical and electronic devices often contain valuable materials. However, they also contain harmful substances that are necessary for the operation and safety of the unit. Accordingly, never dispose of the old unit with ordinary waste. Choose to have it disposed of in an environmentally-friendly manner.



Translation from Dutch of the original instructions

See www.duco.eu for information regarding warranty, maintenance, technical data, etc. Installation, connection, maintenance and repairs are to be carried out by an accredited installer. The electronic components of this product may be live. Avoid contact with water.



SERVICE

Please refer to the maintenance instructions at www.duco.eu and view the videos on duco.tv for more information.

In case of service problems as a user:

Please contact your installer.

In case of service problems as an installer:

Please contact your DUCO product retailer.

WARRANTY

All warranty conditions for the DucoBox and DUCO's ventilation systems can be found on the DUCO website. Complaints must be made in writing to DUCO by the installer or the DUCO distribution point, clearly stating the complaint and the order/invoice number with which the products were delivered. To do so, please fill in the complaint registration form, available on the DUCO website, (indicating the serial number) and send it to service@duco.eu.

LEGISLATION

The Duco Connectivity Board is an (optional) part of a DucoBox.

Simplified EU declaration of conformity



Hereby DUCO Ventilation & Sun Control declares that the radio equipment type Duco Connectivity Board 2.0 is in compliance with Directive 2014/53/EU.

The full text of the EU declaration of conformity is available at the following internet address: en.duco.eu/connectivity-board-2

Frequency band	2.4 GHz
Maximum radio frequency power	19.7 dBm