Carel Controller Configuration

Before installing your **SMRTCold** system, ensure your **Carel controller** is correctly configured. Incorrect settings can lead to setup failures or communication issues.

Setting Overview

The following parameters need to be configured on your Carel controller:

- **BMS Network Address**: 1
- **BMS Configuration**:
  - Stop Bit: 1
  - Parity: None
- **BMS Baudrate (bit/s)**: 19200
- **BMS Protocol**: Modbus

Walkthrough

Follow these steps using the **Carel Applica** app:

1. Install Carel Applica

Download and install the Carel Applica mobile application:

 https://www.carel.com/apps
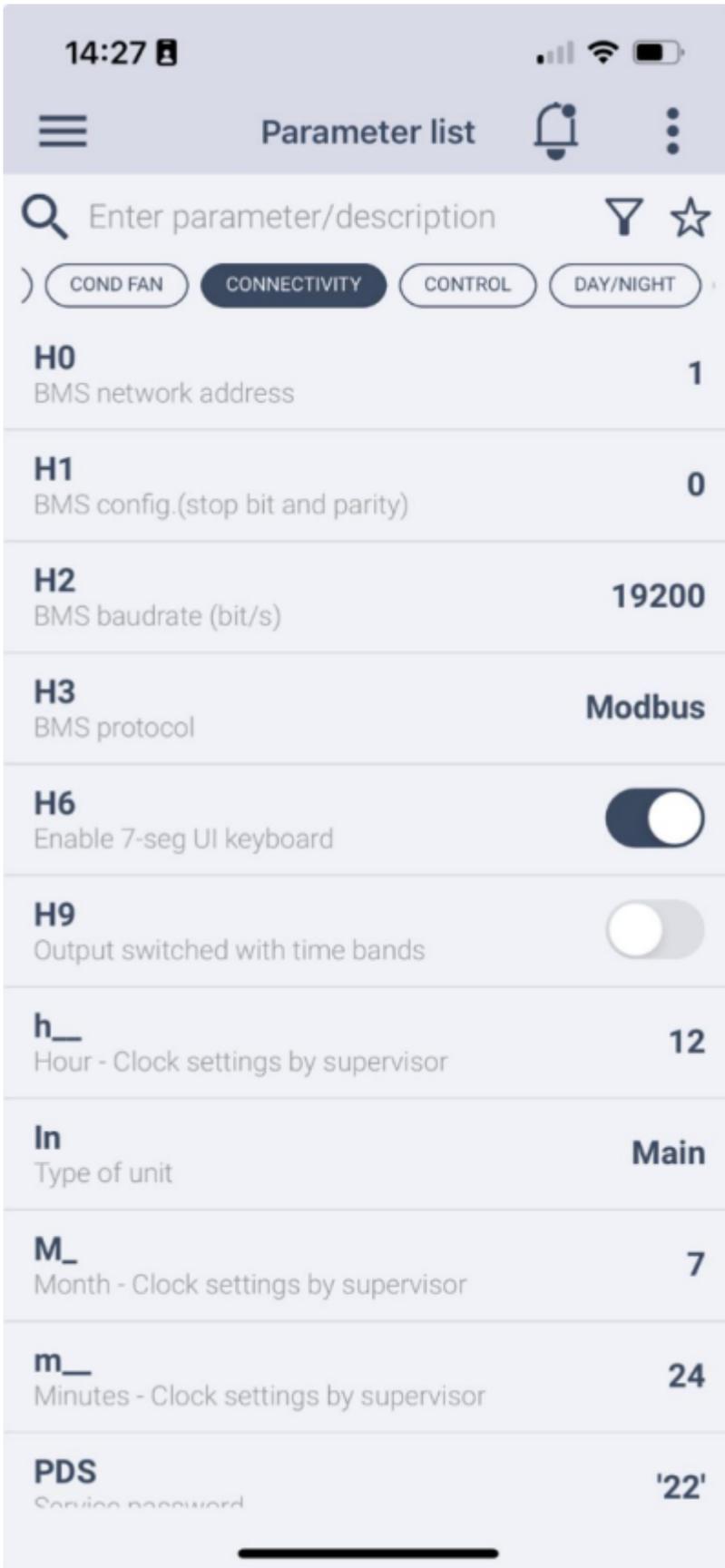
2. Connect to Your Controller

- Open the app and connect to your Carel controller using Bluetooth or NFC (depending on model).
- You may need to select the account/profile "Service"
- When prompted for a password input "22"

3. Access the Parameters

- Open the main menu.
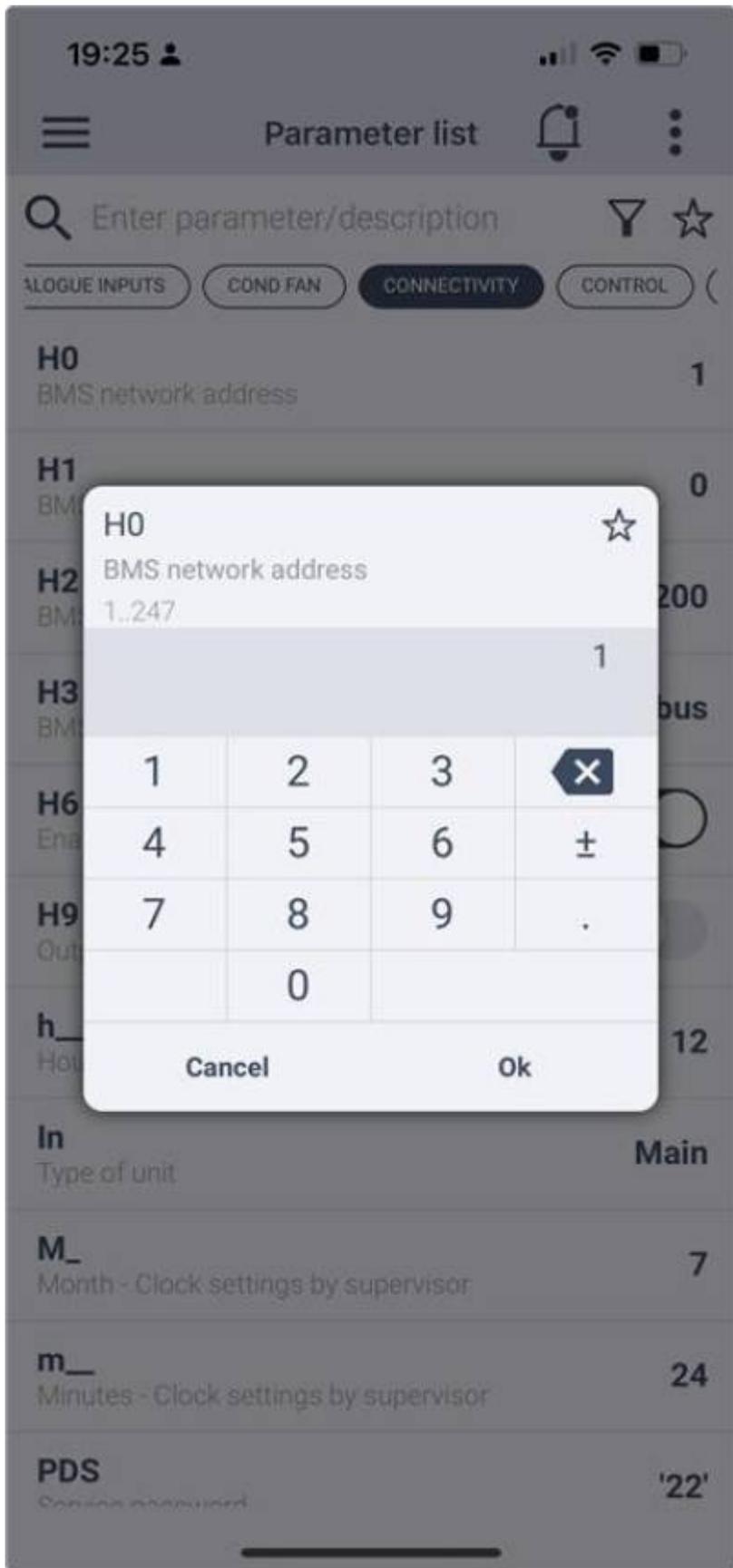- Navigate to the **Parameters** section.

4. Configure Connectivity Settings
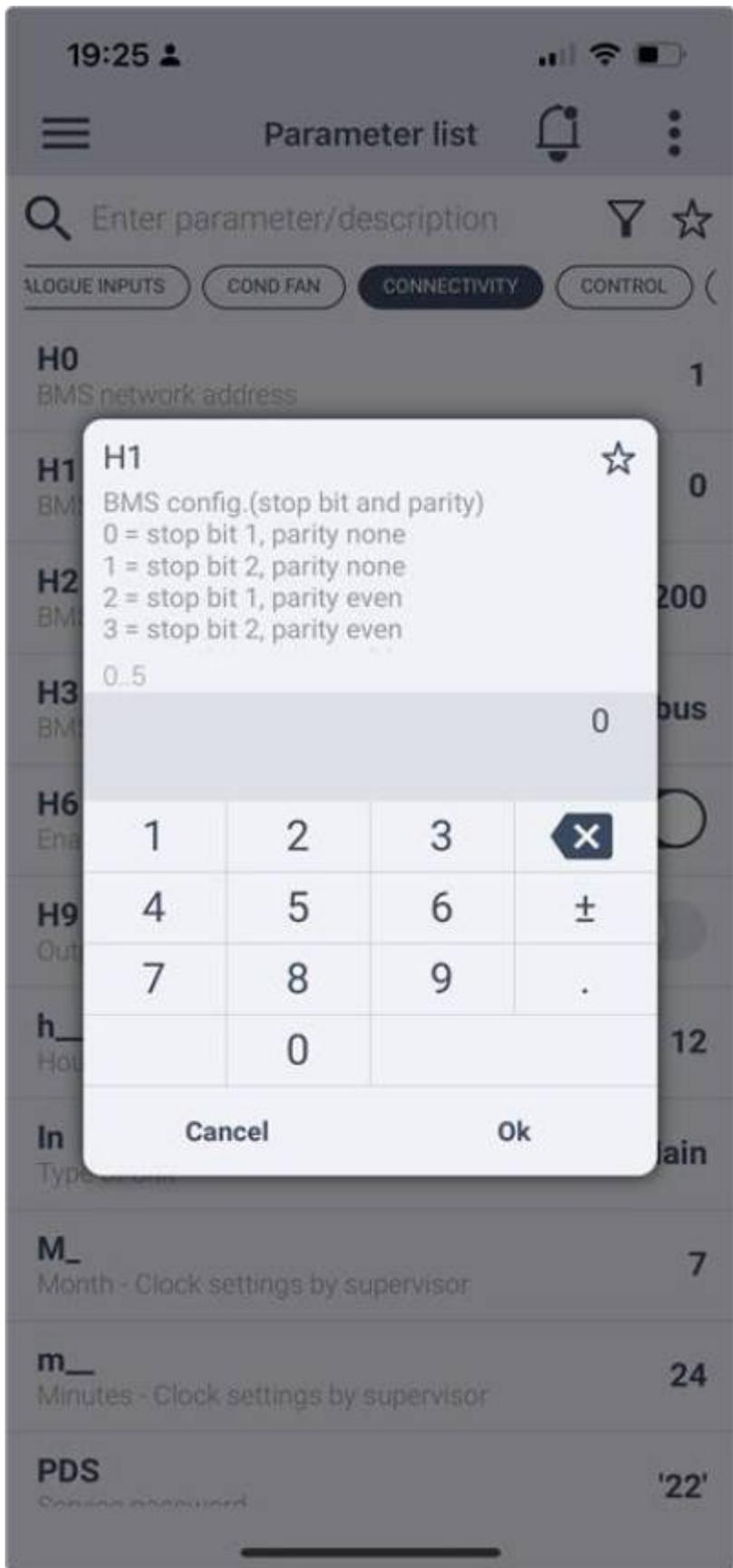
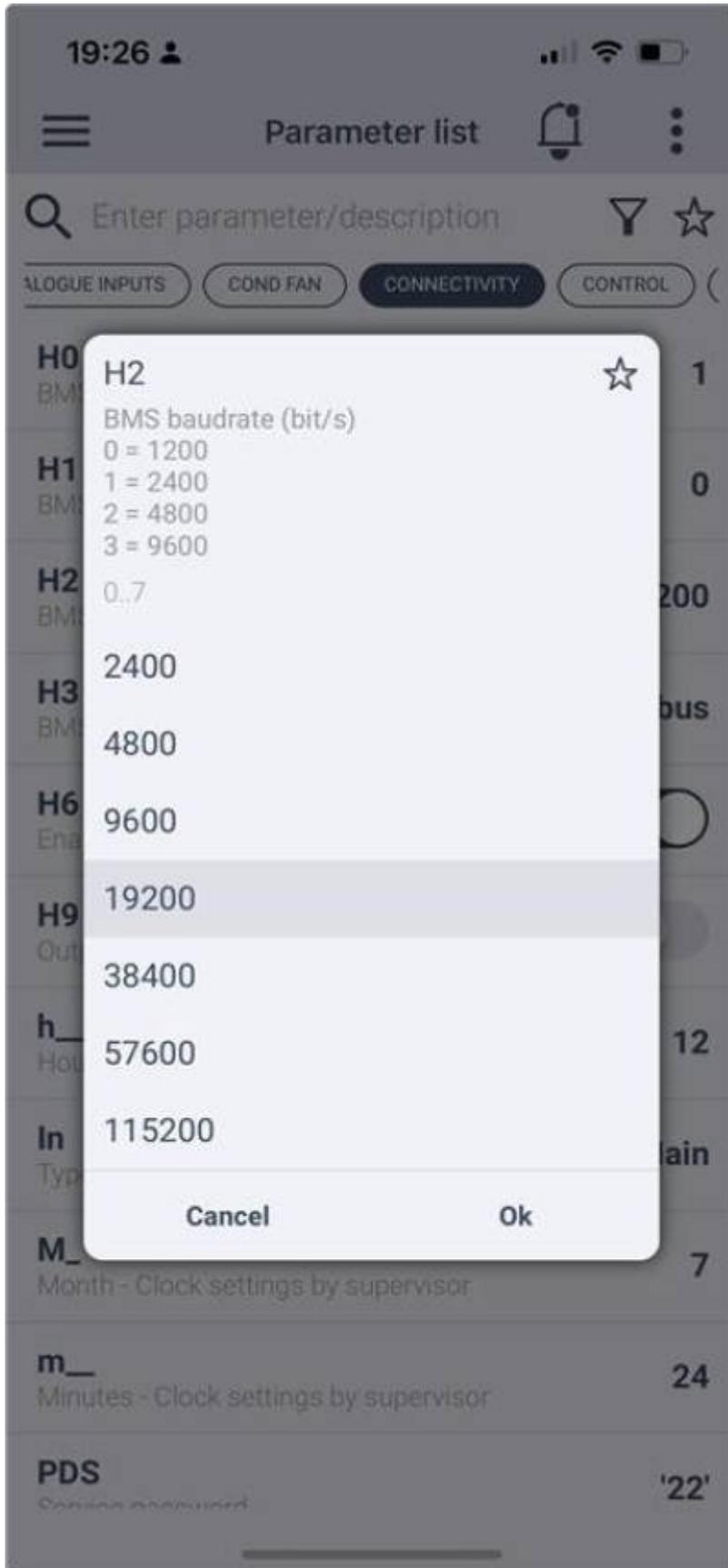From the top bar, select **Connectivity**.

5. Set Parameters

- **BMS Network Address**: 1
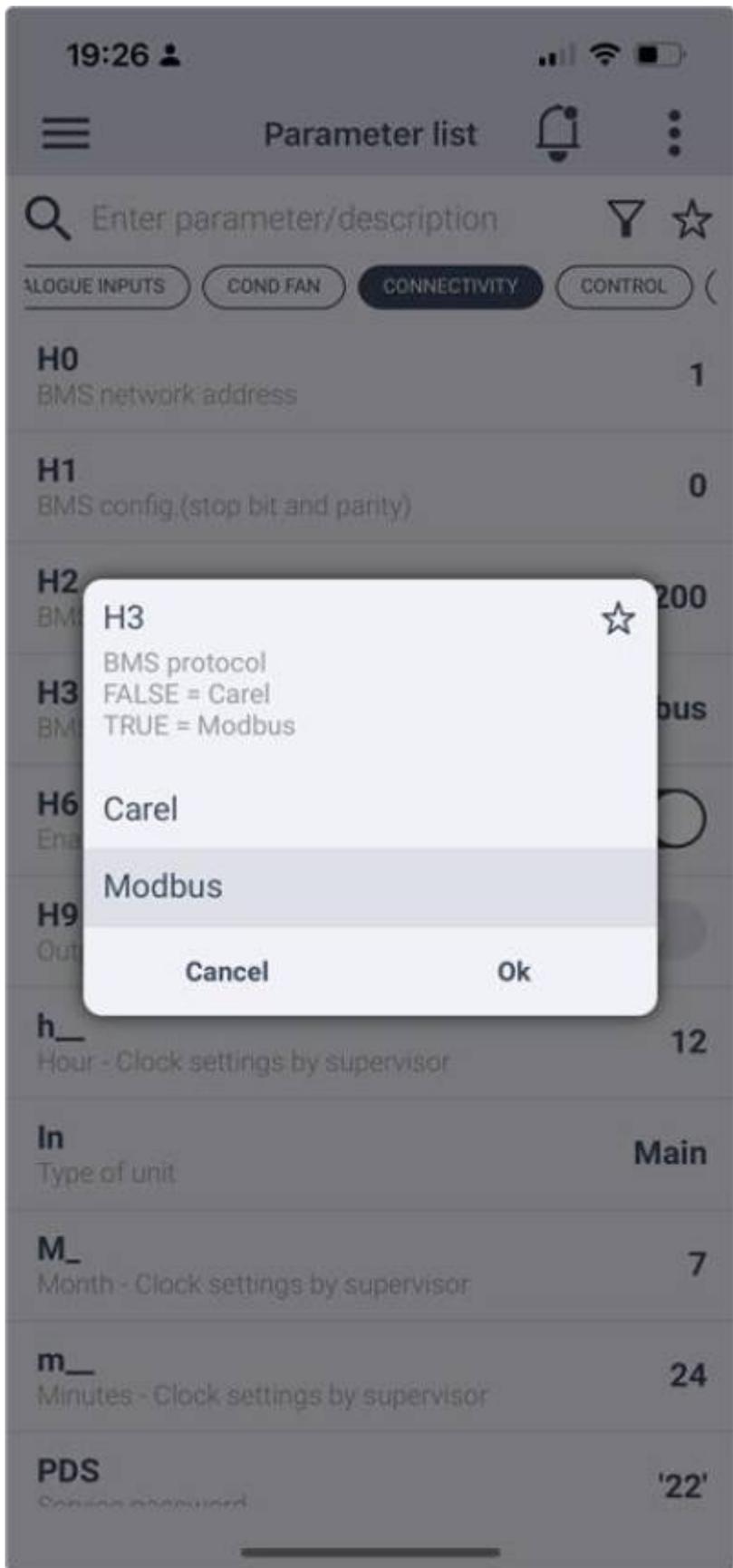
- **Stop Bit**: 1
- **Parity**: None

- **Baudrate**: 19200 bit/s

- **Protocol**: Modbus

Ensure each setting is confirmed after changing.

⬜ Completion

Once all settings are correctly applied, your Carel controller is ready for SMRTCold integration.

You may now proceed with the SMRTCold installation.

If you encounter any issues, verify that all communication settings exactly match the configuration above.

From:
https://docs.myfridgeonline.com/ - **MyFridgeOnline**

Permanent link:
https://docs.myfridgeonline.com/products/smrtcold/carel_controller_configuration_guide

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