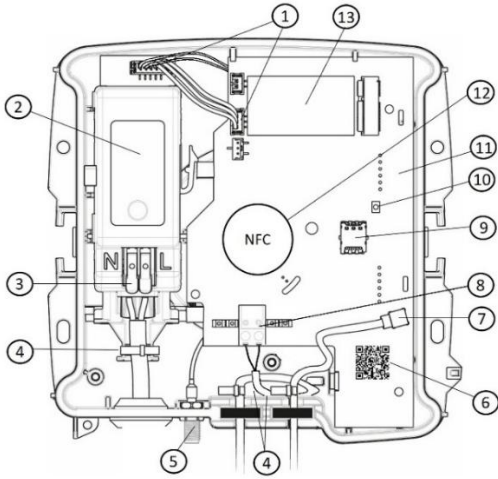
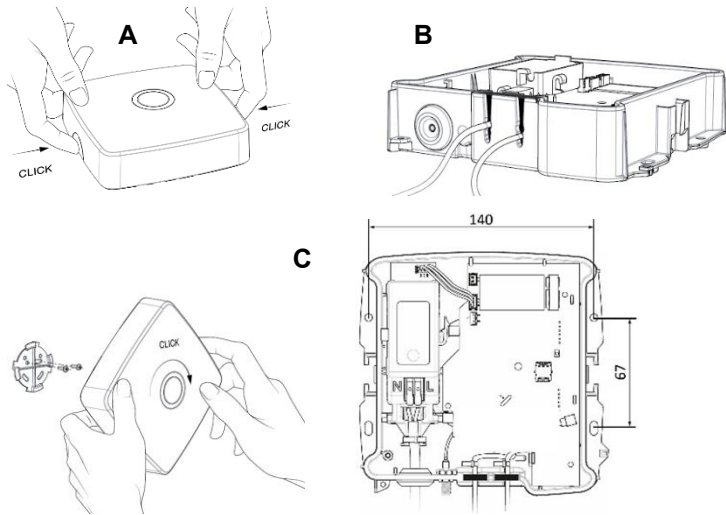


Elvaco Edge Play 128T Gateway Quick manual



1. PSU cable connector
2. PSU
3. Mains power supply (spring terminal)
4. Cable tie (Not included)
5. wM-Bus antenna connector (SMA-f)
6. DevEUI
7. Cellular antenna connector (MCX-f)
8. M-Bus master terminal
9. SIM card
10. Push button
11. Internal wireless M-Bus antenna
12. NFC antenna & LED
13. Option module x2 (front and backside)



Elvaco Edge Play Gateway

Installation

Elvaco Edge can be wall mounted using a bayonet mount or attached directly to the wall (C). Ensure that screws appropriate for the mounting surface are used. This should be performed by a qualified installer to ensure a reliable installation. The lid is opened by firmly pressing both sides (A). For external cable wiring, press the cables through the foam to the correct diameter. Ensure the foam is sealed after cable is mounted out of enclosure (B). Note that it can take up to 24 hours before the material has returned to its natural shape. Cut the knockouts according to markings on the lid for better cable fit and use a cable tie for strain relief on all cables (4).

M-Bus

Elvaco Edge is equipped with the option module M-Bus master for 128 meters (128T) on the backside of mainboard (13). If there is an overcurrent on the M-Bus (more than 196 mA), the LEDs will flash in red (12). M-Bus is a multi-drop 2-wire bus without polarity. All connected M-Bus slaves must have unique primary or secondary M-Bus addresses, depending on the addressing mode. Use a cable with an area of 0.25-1.5mm², e.g. a standard telephone cable (EKKX 2x2x0.5). Connect the wiring to the M-Bus master port located on C-D (8).

Wireless M-Bus

For optimal wireless M-Bus reception, place the Elvaco Edge in clear line of sight, ensuring there are no objects or walls blocking the internal wireless M-Bus antenna (11).

Mains supply

Installation should be performed by a qualified electrician or an installer with the required knowledge. Prepare the cables according to the markings on the PSU label (2), ensuring a strip length of 8 mm for the conductor and 33 mm for the main cable. Connect the blue mains conductor to neutral (N) and the brown conductor to phase (L) using the spring terminal (3). The power supply must be protected with a 10 A circuit breaker of characteristic B or C (slow blow). The unit must be connected via a clearly marked, easily accessible switch that breaks both phase and neutral allowing the unit to be switched off during service work.

Note! All LEDs will flash blue as confirmation when the gateway is powered up.

Install Elvaco Edge Play Gateway

A prerequisite for installing Elvaco Edge using Elvaco Play is to have both an account and an organization in Elvaco Play, and to have the Elvaco Play App downloaded on your smartphone.

1. Scan to download Elvaco Play App using below QR code



Google Play



App store

2. Open Elvaco Play App or go to <https://play.elvaco.com/>
3. Log in to your account (or create an account if you aren't already an Elvaco Play user)
4. Ask your admin to invite you to an existing organization (or create an organization if there is none)

Your Elvaco Edge is now powered but remains in inactive mode. Before you start the installation process, make sure that you are in the correct organization. See the guided workflow below for installing your Elvaco Edge using Elvaco Play App:

1. Press *Install*
2. Scan the Elvaco Play ready QR code* located on the lid of the gateway to claim it to your Elvaco Play organization
3. Press *Continue*
4. Scan by placing the NFC antenna in your phone on the center of your gateway



5. [Recommended] Assign a location (i.e facility name) to your device to know where it is located
6. Your installation is now complete

*Elvaco Play Ready QR code label should be removed after complete installation.

The installation sequence takes up to 180 seconds. Each step is described using the LEDs as well, seen below.



1. Searching for mobile network (approx. 90 s)



2. Mobile network is connected



3. Establishing connection to Elvaco Play



4. Activation or restart successful



Unsuccessful installation*

*If installation is unsuccessful, try the following.

1. Check if there is mobile network reception on your phone.
2. Make sure the SIM card and an eventual external antenna for mobile networks is correctly mounted.

Install meters

Elvaco Play allows you to install both wired and wireless M-Bus devices. You can choose to install devices individually or in batches. Before you start the installation process, make sure that you are logged in and in the correct organization. See the guided workflow below for installing your meters.

Install single meters

Installing an individual meter can be done either be done using Elvaco Play App or Elvaco Play Portal. Installing a meter using Elvaco Play portal, see the section 'Batch install meters' below.

1. Open Elvaco Play App
2. Press *Install*
3. Manually insert the serial number
4. Insert encryption key or baud rate depending on type of meter
5. [Recommended] Create a Location and assign the device to it
6. Installation completed

Batch install meters

Installing a batch of meters (or one meter) can be done using the import functionality in Elvaco Play Portal.

1. Go to <https://play.elvaco.com/>
2. Press the tab *Devices*
3. Press *Add meter*
4. Switch to *Upload file* and download Meter template
5. Fill out the template according to presented instructions
6. Import the file into Elvaco Play and press *Add*

Digital documentation

For the full user manual of Elvaco Play Edge and our Elvaco AI Assistant, go to Elvaco Support site.



Elvaco Support Site

Contact

Support emails:

support@elvaco.com
support@elvaco.se
support@elvaco.de

Support phone number:

+46 300-93 99 30

Technical specifications

Protection class	IP55
Mounting	Wall mounting
Main supply voltage	Push-in spring terminal (0.75-1.5mm ²)
Nominal voltage	100-240 VAC
Frequency	50/60 Hz
Power consumption (max / nom)	25 W / 7.5 W
Installation category	OVC III (PSU)
M-Bus master port	Screw terminal (cable area 0.25 -1.5 mm ²)
M-Bus load capacity	128T (192mA)
Maximum M-Bus cable length	5 km (max 90 Ohm)
Connector for external LTE antenna	MCX-f
Connector for external wM-Bus antenna	SMA-f

Safety

The warranty does not cover damage to the product caused by usage in any other way than described. Elvaco AB cannot be liable for personal injury or property damage caused by usage in any other way than described.

SIMPLIFIED DECLARATION OF CONFORMITY

Hereby, Elvaco declares that the product is in compliance with the directives below. The complete Declaration of Conformity can be found at www.elvaco.com/en > Search on product.

VEREINFACHTE KONFORMITÄTSEKTLÄRUNG

Hiermit erklärt Elvaco, dass das Produkt mit den folgenden Richtlinien übereinstimmt. Die vollständige Konformitätserklärung finden Sie unter www.elvaco.se/en > Suche nach Produkt.

EU / UE:

- 2014/53/EU (RED)
- 2014/30/EU (EMC)
- 2014/35/EU (LVD)
- 2011/65/EU + 2015/863 (RoHS)

UK / GB:

- 2017 No. 1206 (RED)
- 2016 No. 1091 (EMC)
- 2016 No. 1101 (LVD)
- 2012 No. 3032 (RoHS)

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