



Our turnkey solutions: Compact. Robust. Ready for installation.

Are you lacking a control cabinet for the installation of our devices? Or do your projects demand an independently encased installation?

Data concentrators in a closed distribution board, ready for installation

With our MUC.BOXes we offer a compact and complete solution for precisely this requirement, ready for installation. The devices are assembled in a closed distribution board, engineered for wall mounting and independent of existing installation options.

We offer six standardized variants for:

- MUC.easy^{plus}
- MUC.easy^{plus} 4G
- MUC.easy^{plus} NB
- MUC500 M 125
- MUC500 M 250
- MUC500 M 500

Six variants - one system

The **MUC.BOX.EP variants** integrate a MUC.easy^{plus} data concentrator and a circuit breaker in a distribution board fully prepared for connection.



Specifically designed for:

- Projects with wM-Bus
- Applications with radio (4G / NB-IoT)

- Compact and self-sustaining data capture solutions

Technical highlights:

- 230 VAC power supply
- Circuit breaker 6 A, tripping characteristic B
- Internally pre-wired connectors
- RJ-45 Ethernet connector routed to the outside
- SMA sockets for wM-Bus antennas (all variants) and for radio antennas (4G, NB)
- Magnetic mount antenna(s) in the scope of delivery
- Rail-mount terminal blocks for M-Bus and RS-485

The **MUC.BOX.500 M variants** combine the powerful MUC500 M, a circuit breaker and a 24 Volt power supply with a fully prepared installation environment.



Specifically designed for:

- Larger M-Bus installations
- Centralized data capture
- Compact and self-sustaining data capture solutions



Technical highlights:

- 230 VAC power supply
- Circuit breaker 6 A, tripping characteristic B
- Integrated 24 VDC / 1.75 A power supply
- Internally pre-wired connectors
- RJ-45 Ethernet connector routed to the outside
- Rail-mount terminal blocks for M-Bus

Elaborate connection concept

All MUC.BOXes are configured for a swift and secure installation:

- Supply with 230 VAC
- Internally pre-wired power supply
- Separate terminals for 230 VAC (L, N, PE)
- Connexion terminals for M-Bus and if applicable RS-485
- Rubber seals and knockouts (M20-M40) for simple cable insertion
- Directly accessible interfaces at the bottom side of the housing

This minimizes the installation effort, saves time on the site and assures secure commissioning.

Your advantages at a glance

- No separate control cabinet required
- Minimized installation effort
- Complete pre-mounted solution
- Flexible wall mounting
- Standardized variants for various project dimensions
- Fast & secure commissioning

Individual requirements?

You need a project-specific adaptation?

Just talk to us. We implement also individual box solutions.

Technical data

| Characteristic | MUC.BOX.EP | MUC.BOX.500 M |
|-------------------------|---|--|
| Article number | MUC.BOX.EP 500525 MUC.BOX.EP 4G 500526 MUC.BOX.EP NB 500527 | MUC.BOX.500 M 125 500528 MUC.BOX.500 M 250 500529 MUC.BOX.500 M 500 500530 |
| Dimensions | 250 x 200 x 122 (W x H x D) in mm | 250 x 200 x 122 (W x H x D) in mm |
| Integrated power supply | - | ✓ |
| Antennas | SMA sockets at the distribution board for wM-Bus antenna (all variants) and for radio antennas (4G, NB-IoT); Magnetic mount antenna(s) for wM-Bus (and radio) for connection to SMA-socket | - |
| Mounting | Wall mounting | Wall mounting |
| Weight | approx. 1500 g | approx. 1600 g |
| Power supply | 230 VAC | 230 VAC |
| Protection | Closed distribution board | Closed distribution board |

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