KATHREIN

Digital Systems GmbH

Mounting cabinet

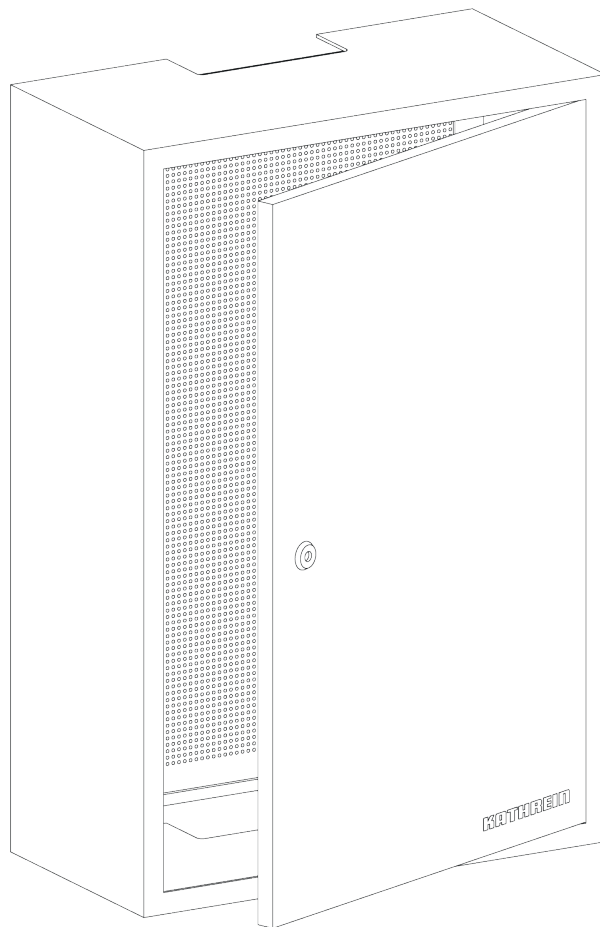## Variants

MS 4060	400 x 600 x 200 mm
MS 6080	600 x 800 x 200 mm
MS 6060	600 x 600 x 200 mm

Description

► On-wall mounting cabinet for protected installation of active and passive components

► For indoor installation

► For the most up-to-date version of this document, go to www.kathrein-ds.com

Scope of supply

- Mounting cabinet (1 door)
- Perforated metal sheet
- Warning label
- Earthing cable 2x (A)
- Nut M6 2x (B)
- Washer 6.4 mm 7x (C)
- Serrated lock washer 6.4 mm 4x (D)
- Sheet metal screw 4x (E)
- Mounting set small 1x (F)
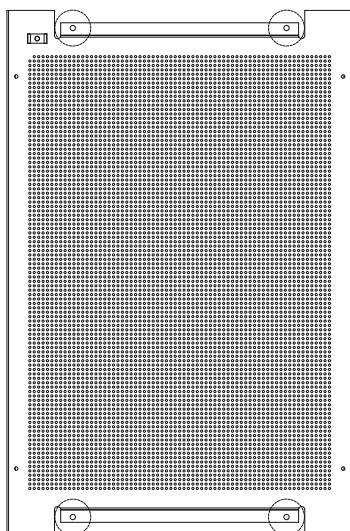- Instructions for use

Mounting notes

► The mounting cabinet may only be mounted in dry indoor areas. Do not mount it on or against easily combustible material.

► The mounting cabinet must be provided with an equipotential bonding cable (Cu, at least 4 mm^2).

Wall mounting

► Use four suitable dowels and corresponding screws or screw-dowel systems. Choose the correct thread diameter, head diameter and screw length for the respective mounting hole of the cabinet and the cabinet weight including components.
Take into account that different wall types (e.g. masonry, concrete, ...) require different mounting material.

The mounting material is not included.

Installing the earthing cable

> **!** All housing parts are to be connected using the washers and serrated lock washers in such a way that current-carrying capacity and permanent contact are ensured.

Connecting the earthing cable to the door:

The earthing cable (A) must be connected as shown in Fig. 1. Put a serrated lock washer (D), then the ring eye of the earthing cable (A), a washer (C) and another serrated lock washer (D) onto the threaded bolt of the cabinet door. Then screw a nut (B) onto the threaded bolt and tighten it with a tool.
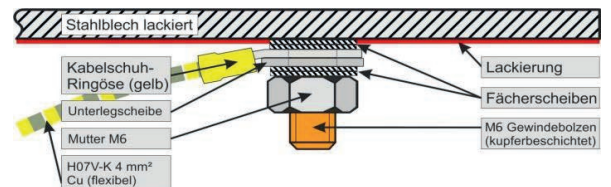
Figure 1

Connecting the earthing cable to the housing frame:

The earthing cables (A) must be connected as shown in Fig. 2. Put a serrated lock washer (D), then the ring eye of the earthing cable (A), a washer (C), the ring eye of the earthing cable (A), another washer (C) and another serrated lock washer (D) onto the threaded bolt of the housing frame. Then screw a nut (B) onto the threaded bolt and tighten it with a tool. Use the sheet-metal screws (E) and the washers (C) to mount the housing frame onto the rear wall (perforated metal sheet).
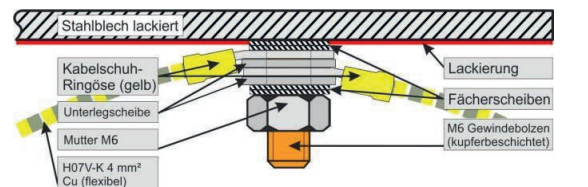
Figure 2

Connecting the earthing cable to the mounting plate (perforated metal sheet):

The earthing cable (A) must be connected as shown in Fig. 3. Use the mounting set (F) to connect the earthing cable. First put the serrated lock washer (M4), then the washer (M4) and then the small ring eye of the earthing cable (A) onto the sheet-metal screw. Then screw the screw into the mounting plate (perforated metal sheet).
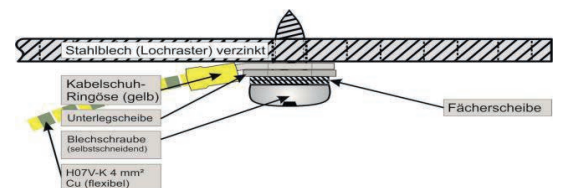
Figure 3

Connecting the on-site PE conductor:

For integration into the protective equipotential bonding on site, connect the PE conductor (H07V-U 4 mm² Cu, solid) to the mounting plate (perforated metal sheet) via the flat terminal using a U-clamp. Must be connected as shown in Fig. 4.
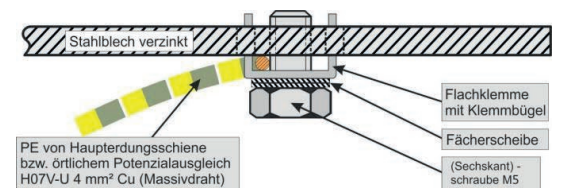
Figure 4

> **!** The conductivity of the produced contacts must be tested and measured for all cabinet and mounting components.

> **⚡** Attach the enclosed warning label to the outside of the cabinet door if required.

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