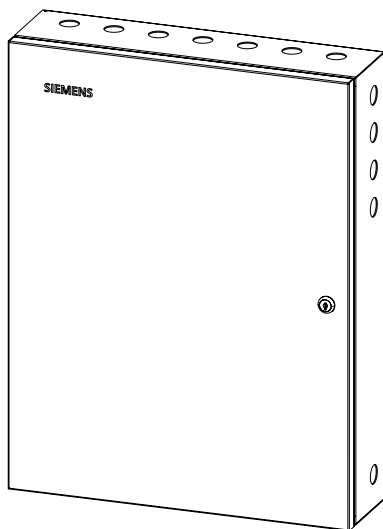


SIEMENS



FH2016

Enclosure (EBA2001)

Mounting

Installation

Legal notice

Technical specifications and availability subject to change without notice.

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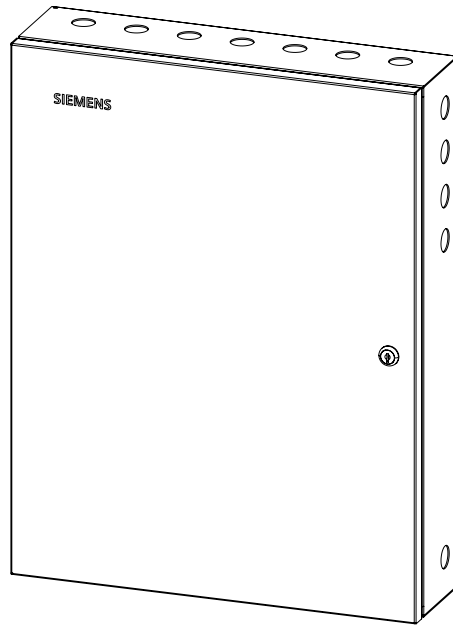
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1 Enclosure (EBA2001) FH2016



1.1 Description

The enclosure (EBA2001) FH2016 is for installing components for the booster amplifier (100 W) EBA2001 and has the following features:

- Pre-stamped openings for cable supplies
- EMC-protected area for installed components
- Closable door
- Four-point wall fastening



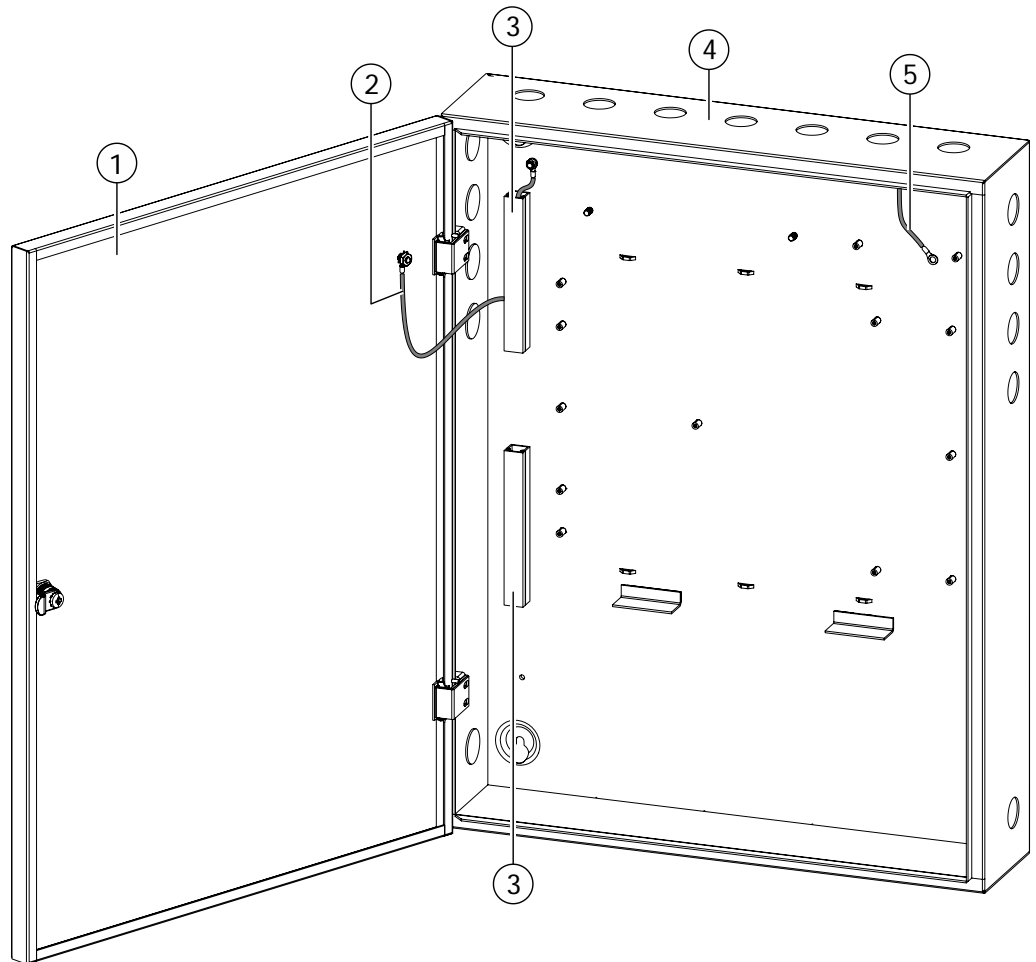
Information on EBA2004-A1

You will find more information on the booster amplifier mainboard (100 W) EBA2004-A1 in document A6V10407858, e.g.

- Designation and order number
 - Requirements for installation
 - Complete installation instructions
-

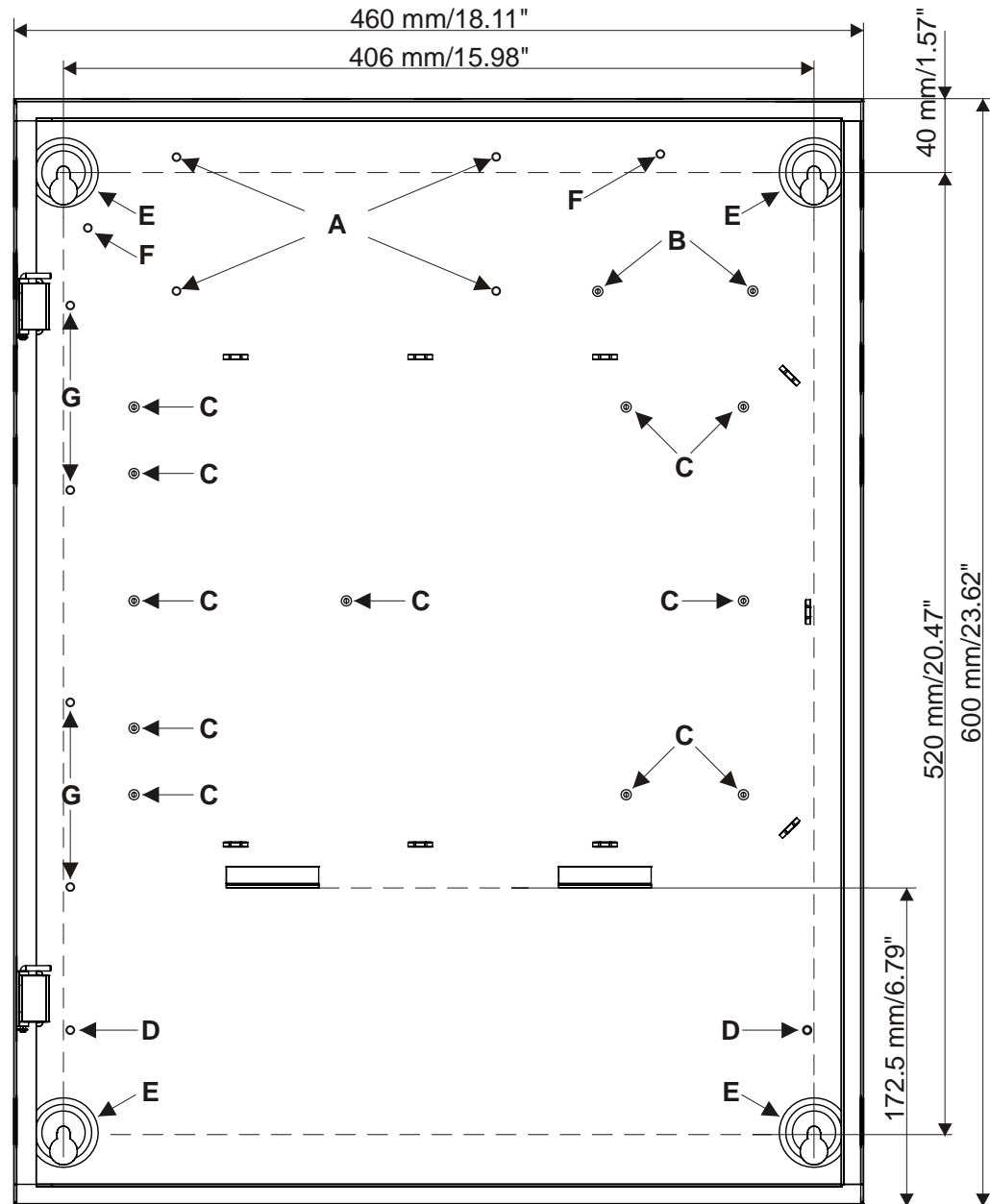
1.2 Enclosure overviews (EBA2001)

Complete overview of the enclosure (EBA2001) FH2016



- 1 Door with lock, open
- 2 Ground cable for door/back box
- 3 2x cable channels, L=130 mm/5.12"
- 4 Back box
- 5 Ground cable for power supply (170W) FP2011

Dimension drawing for the back box with mounting positions

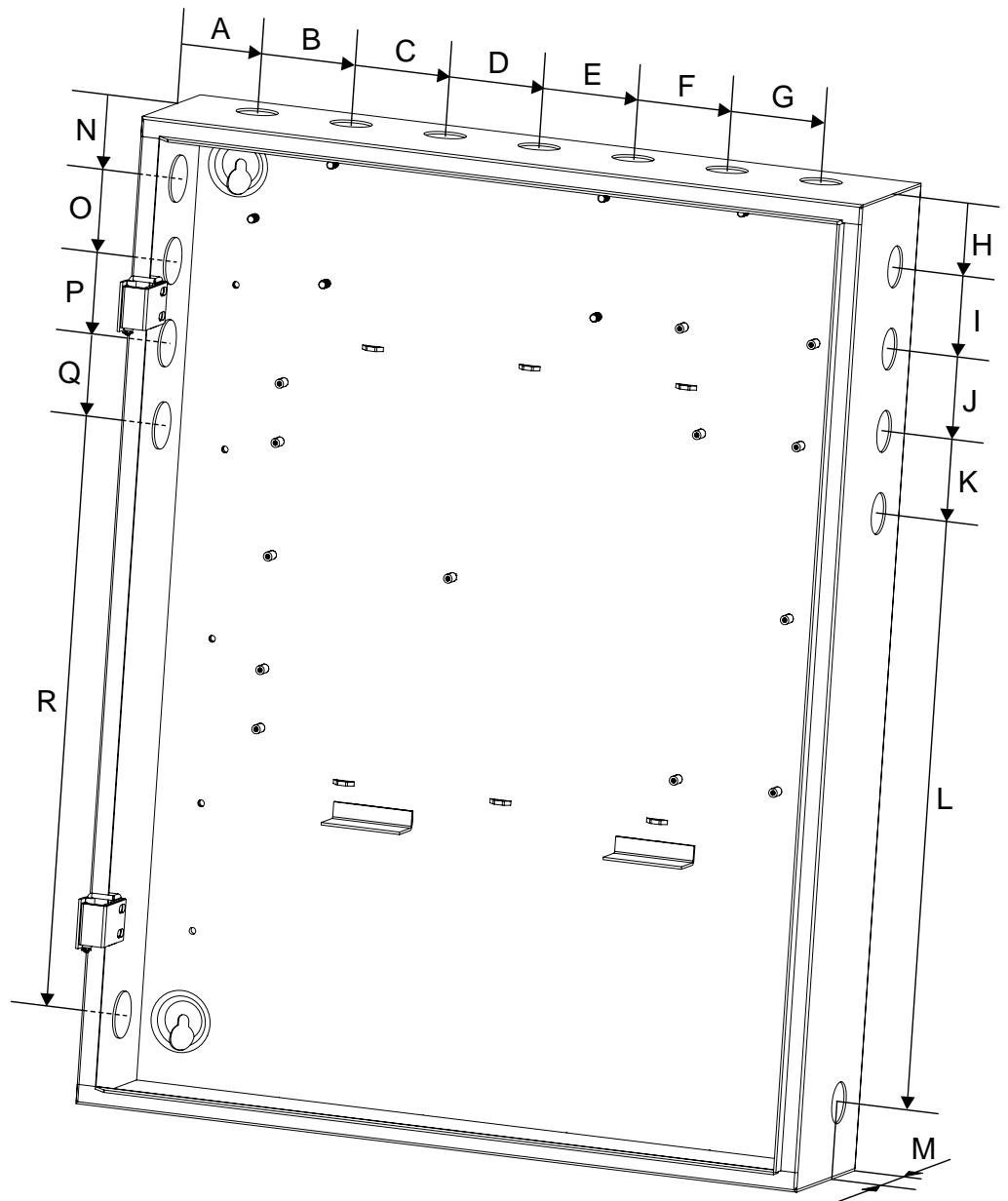


Dimensions and mounting positions

- A 4x threaded rods for the power supply (170W) FP2011
- B 2x threaded sleeves for the shield connection kit (EBA2001) FHA2045
- C 11x threaded sleeves for the booster amplifier mainboard (100W) EBA2004
- D 2x fixing holes for the battery bracket (EBA2001) FHA2044
- E 4x installation holes for the back box
- F 2x threaded rods for connecting the ground cable
- G 4x fixing holes for the cable channels

The installation depth is 105 mm/4.13" and the total depth to the front of the door when closed is 132 mm/5.2".

Dimension drawing for cable entries



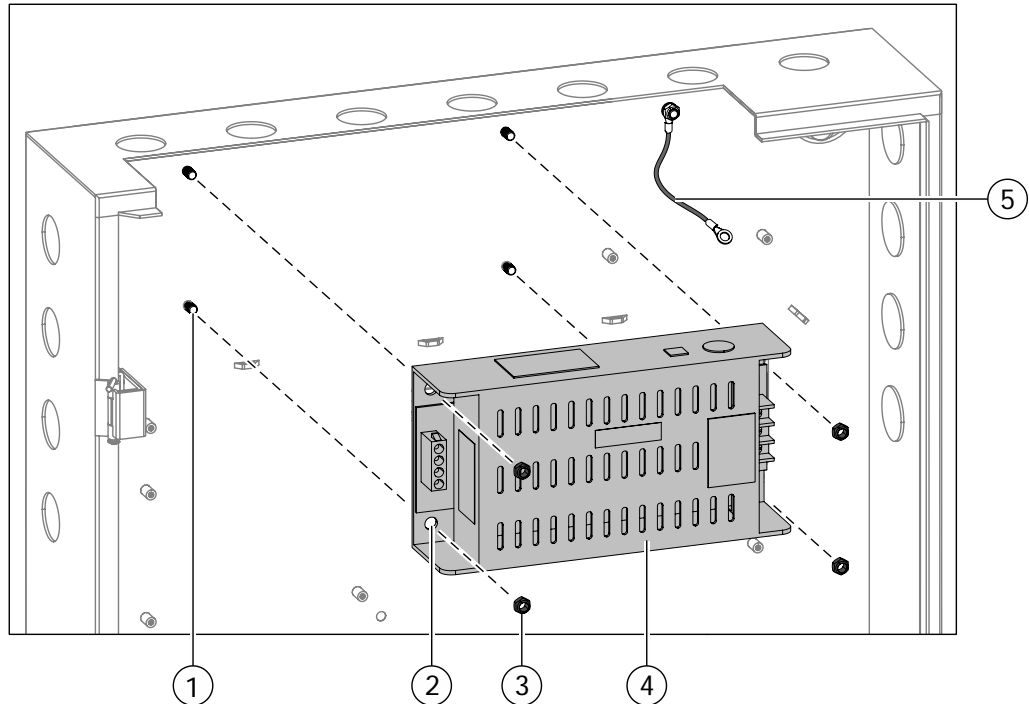
Dimensions of the cable entries

A	49.5 mm/1.95"
B ... G	60 mm/2.36"
H, N	46 mm/1.81"
I, J, K	60 mm/2.36"
O, P, Q	60 mm/2.36"
R, L	358 mm/14.1"
M	43.1 mm/1.7" from the installation holes on the back or from the wall for all cable openings *

* All cable openings are pre-stamped to a diameter of 25.4 mm/1".

1.3 Installing the power supply (170W) FP2011

The FP2011 is supplied ready to install with 4 locknuts and a pre-assembled connecting cable for the 24 V connection.



Installation of the power supply (170W) FP2011 in the enclosure (EBA2001) FH2016

- 1 4x threaded rods in the back box of the enclosure FH2016
- 2 4x fixing holes
- 3 4x #10 locknuts
- 4 Power supply (170 W) FP2011
- 5 Ground cable for earthing the power supply (170W) FP2011

1. Position the FP2011 (4) as shown with the mains connection on the right.
2. Install the FP2011 (4) to the threaded rods (1) for the back box using the four nuts (3).
3. Connect the ground cable (5) to the FP2011 (4).

Information on how to wire the FP2011 can be found in the A6V10407858 installation instructions.

1.4 Technical data

Outer door	Enclosure material	Sheet metal 1.5 mm/0.06"
	Surface treatment	Matt annealed, polyester coating
	Color	Red RAL 3020 or black RAL 9017
Back box	Enclosure material	Sheet metal 1.5 mm/0.06"
	Surface treatment	Matt annealed, polyester coating
	Color	Red RAL 3020 or black RAL 9017
Dimensions (W x H x D)	Door	460 x 600 x 20 mm / 18.11" x 23.62" x 0.79"
	Back box	460 x 600 x 118.5 mm/18.11" x 23.62" x 4.67"
	Total dimensions	460 x 600 x 132 mm/18.11" x 23.62" x 5.2" Total depth when door is closed

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