

Mainframe HM8001-2



The Mainframe is supplied without the Modules shown in the Illustration

HM8001-2

Modular System



HM8001-2 Mainframes
can be stacked up to
5 Units high



- Basic Unit for Modules of the Modular System Series 8000
- Power Supply for 2 Modules
- DC Voltages electronically regulated, floating and short-circuit proof
- Power Transformer with thermal Fuse
- Up to 5 Mainframes can be stacked
- Module HM800 for customized Instrument Construction available
- 4 BNC Connectors on the Rear Panel of the HM8001-2 (Option H0801) provide for Signal Transmission to or from HM8021-4 and HM8030-6 Modules

Option H0801 – 4 BNC
Connectors on Rear Panel



Mainframe HM8001-2

All data valid at 23 °C after 30 minutes warm-up.

General information

Mainframe with power supply accommodates 2 modules

Power supply module

Details of available supply

voltages and load capability: refer to manual HM8001 (www.hameg.com)

2 x 8V_{dc} max. 0.4A each

2 x 5V_{dc} max. 1A each

4 x 20V_{dc} max. 0.5A each

Voltages between 5V and 20V are programmable from each module
(Polarity selectable)

Available output power: each module max. 25W
All DC voltages are electronically stabilized,
floating and short-circuit proof. Current
output of 2 HM8040-3 with HM8001-2:
sum of all channels <2A

Miscellaneous

Power switch (ON/OFF) located between the two modules on the front panel.

Safety class: Safety Class I (EN61010-1)

Power supply: 115/230V- (50...60 Hz), CAT II

Max. permissible

line fluctuation: ±10%

Power consumption: max. 110W (with overload protection)

Operating temperature: +5...+40 °C

Storage temperature: -20...+70 °C

Rel. humidity: 5...80% (non condensing)

Dimensions (W x H x D): 285 x 75 x 365 mm

Weight: approx. 4 kg

Accessories supplied: Line cord, Operating manual

Recommended accessories:

H0801 4 BNC connectors

HZ42 19" Rackmount kit 2RU

HZ809 Test Adapter