

Mainframe HM8001-2

HM8001-2



The mainframe is supplied without the modules shown in the illustration

Modular system



HM8001-2 mainframes can be stacked up to 5 units high



Option H0801 – 4 BNC connectors on rear panel



- 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

Mainframe HM8001-2

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

General information

Mainframe with power supply accommodates 2 modules

Power supply module

2 x ~ max. 0.5A each

2 x 5V = max. 1A each

4 x 20V = max. 0.5A each

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

Available output power: each module max. 25 Watt
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°C...+40°C

Storage temperature: -20°C...+70°C

Max. rel. humidity: 5%...80% (non condensing)

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

Weight: approx. 4 kg

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