

Bipolar High- Voltage- Module HCM 10M-10000

Model:



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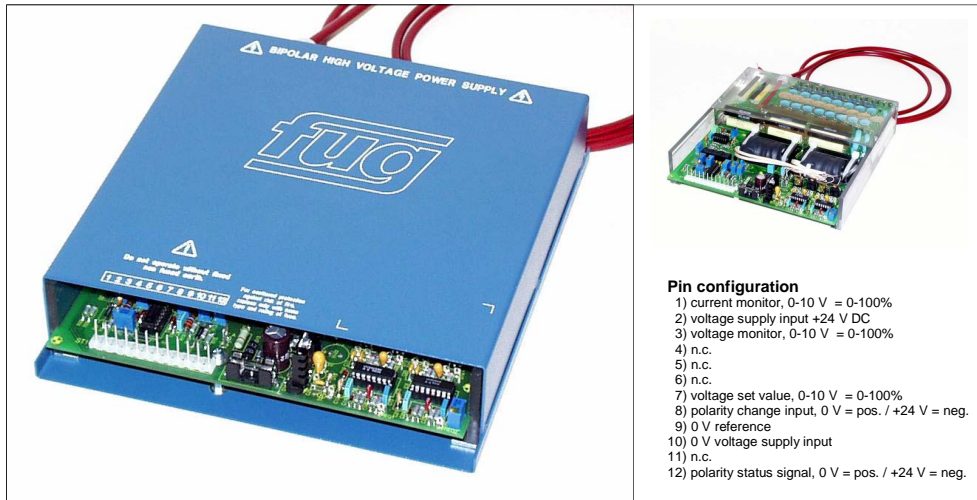
**Low and High Voltage
Power Supplies**

DIN EN ISO 9001

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Features / Application

Two versions possible

- 1) Unipolar operation with 0 - 10 V analog voltage setting, polarity change with 24 V signal
- 2) On request: Bipolar operation with -10 V... 0 V... +10 V analog voltage setting, continuous zero crossing

External Control

Analog programming
for output voltage: 0 - 10 V
Monitor outputs for
voltage and current: 0 - 10 V

Polarity change: +24 V

Technical data

Voltage supply: 24 V $\pm 10\%$, DC
Output
Voltage: 0 - ± 10 kV; short circuit- and flashover- proof
Current: 0 - ± 1 mA
Power: 10 W
Voltage deviation: $< \pm 1 \times 10^{-5}$ for ± 1 V variation of input voltage supply
 $< \pm 1 \times 10^{-5}$ for load changes from 10% to 100% (at nominal voltage supply)
Voltage stability: typ. $< \pm 1 \times 10^{-5}$ / h of nominal value
typ. $< \pm 2 \times 10^{-5}$ / 8h of nominal value
TK: $< \pm 2,5 \times 10^{-5}$ / K
Residual ripple: 1×10^{-5} ss

Environment temperature: 0 to 50°C
Storing temperature: -35°C to +85°C

Design

Case: Sheet steel 240x218x52 mm
Weight: 3,2 kg

Output: fix mounted coaxial cable, 1m
Control- monitoring- and supply- connector: 12pole connector- strip

Application

All Applications which require high stability and low ripple.
2003

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Rev. 0.00