

GA-016 Technical specifications

Input

- Nominal: 220-240 Vac $\pm 10\%$ 50/60Hz. 176-280 Vdc range x emerg. Appl.
- 2x Terminal block 0,5...1,5 mm²
- Max Input Current: 0,20A.
- Power factor λ_{max} : 0.97.
- Harmonic content of mains current: according to EN 61000-3-2.
- Inrush current: 5A 50uS.

Output

- SELV insulation on output.
- Terminal block, up to 1 x 0,4...0,8 mm²
- Selection of current and voltage output through Dip switch.
- Max output power and current precision @ 220-240Vac:
 - 26W @ 700mA $\pm 6\%$ (30...37.5V)
 - 28W @ 750mA $\pm 6\%$ (30...37.5V)
 - 30W @ 800mA $\pm 5\%$ (30...37.5V)
 - 32W @ 850mA $\pm 5\%$ (30...37.5V)
- Max. Output voltage: 49VDC.
- Efficiency @full load: 86%.

Protections

- Against input overvoltages from mains (according to EN61547) up to 2KV N-L , 4KVN-GND e 4KV L-GND.
- Against short circuit and open circuit.
- Thermal protection (C.5.e from EN 61347-1).

Emi

- According to EN55015.

Ambient

- Ambient temp.: -20...35°C.
- Tc max = 85°C.
- Tc life 50000H = 85°C.
- Case IP20
- Humidity range: from 5% to 85% not condensed for more than 50 days a year.

Safety

- Hi-pot test: 3.75 kV, 100% for 2 sec.

Standards

- EN 61347-1; EN 61347-2-13; EN 61547; EN 55015; EN 61000-3-2; DIN VDE 0710 teil 14.
- KEMA KEUR; ENEC 05 Pending.

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Technical drawings:

