

Technical specification (preliminary)

GA016-GLOBAL

Input

- Nominal: 220-240 Vac $\pm 10\%$ 50/60Hz.
- Input supply via 3-phase Lighting-track
- Max Input Current: 0,24A.
- Power factor λ_{max} : 0.95 at full load.
- Total harmonic distortion < 0.2 at full load.
- Inrush current: 11A/120us.

Output

- SELV insulation on output.
- Terminal block, 2 x 0,4... 0,8 mm²
- Selection of current and voltage output through Dip switch.
- Max output power @ 220-240Vac:

13,0W @ 300mA (5...42V)
15,0W @ 350mA (5...42V)
17,0W @ 400mA (5...42V)
19,0W @ 450mA (5...42V)
21,0W @ 500mA (5...42V)
23,0W @ 550mA (5...42V)
25,0W @ 600mA (5...42V)
27,0W @ 650mA (5...42V)
29,0W @ 700mA (5...42V)
32,0W @ 750mA (5...42V)
34,0W @ 800mA (5...42V)
34,0W @ 850mA (5...40V)
36,0W @ 900mA (5...40V)
38,0W @ 950mA (5...40V)
40,0W @ 1000mA (5...40V)
42,0W @ 1050mA (5...40V)

- Output current precision: $\pm 5\%$ at full load
- Max. Output voltage: 60VDC.
- Efficiency @full load: 87%.

Protections

- Against input overvoltages from mains (according to EN61547) up to 2KV N-L
- Against short circuit, open circuit and over load
- Thermal protection

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Emi

- According to EN55015.

Ambient

- Tc = Max 90°C.
- Ta = 0...+35 °C.
- 50000H @ Ta=40°C.
- Case IP20

Safety

- Hi-pot test: 3.75 kV

Standards

- EN 61347-1; EN 61347-2-13; EN 61547; EN 55015; EN 61000-3-2; EN 60598-1; EN 60570

Dimensions

- L=228mm; H=44,7mm; W = 32mm.

Dip-Switch setting:

Pout	Iout	1	2	3	4	Pout	Iout	1	2	3	4
13W	300mA	-	-	-	-	29W	700mA	ON	-	-	-
15W	350mA	-	-	-	ON	32W	750mA	ON	-	-	ON
17W	400mA	-	-	ON	-	34W	800mA	ON	-	ON	-
19W	450mA	-	-	ON	ON	34W	850mA	ON	-	ON	ON
21W	500mA	-	ON	-	-	36W	900mA	ON	ON	-	-
23W	550mA	-	ON	-	ON	38W	950mA	ON	ON	-	ON
25W	600mA	-	ON	ON	-	40W	1000mA	ON	ON	ON	-
27W	650mA	-	ON	ON	ON	42W	1050mA	ON	ON	ON	ON

Technical Drawings:

