NORDIC ALUMINIUM

23.10.2017

GA-2020 GEN.2

Technical specifications

Input

- Nominal: 220-240 Vac ±10% 50/60Hz. 176-280 Vdc range x emerg. Appl.
- 0,5mm2 cables, single-insulated, BLU-BROWN for L-N inputs.
- Max Input Current: 0,14A.
- Power factor λmax: 0.96.
- Harmonic content of mains current: according to EN 61000-3-2.
- Inrush current: 5A 50uS.

Output

- SELV insulation on output.
- Terminal block,1 x 0,2…0,75 mm2 (24...18AWG)
- Selection of current and voltage output through Dip switch.
- Max output power and current precision @ 220-240Vac:
  15,5W @ 350mA ± 7% (20….44V)
  17,5W @ 400mA ± 7% (20….44V)
  20,0W @ 450mA ± 6% (20….44V)
  22,0W @ 500mA ± 6% (20….44V)
- Max. Output voltage: 59VDC.
- Efficiency @full load: 85%.

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

- Tc on C15 = 75°C.
- Tc life 50000H on C15 = 75°C.
- Case IP00.

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.

Output current selection table:

DIP-SWITCH	1	2
350mA	-	-
400mA	ON	-
450mA	-	ON
500mA	ON	ON

Technical drawings: