

Product fulfilling requirements of the German Medical Product Law (MPG)



Description

Switching Power Supply with 2 different outputs ($9 V_{DC} / 500 \text{ mA max.}$ and $0 - 2 A_{DC} / 30 V_{DC} \text{ max.}$). Output 1 is a voltage output and is used to supply an electronic display and controller board, output 2 is a current output which will supply an inductive coil. The current of output 2 is driven by an external PWM signal. Both outputs are working independent of each other.

Features

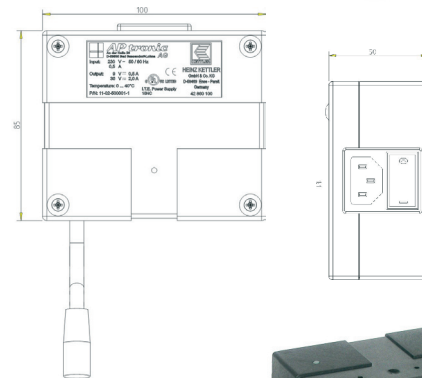
- Economical, compact, power source for light duty IT & medical applications
- CE and UL Marking
- EMI/Safety: Unit is applicable for indoor use with EN 55014-1/-2 and for medical use with EN 60601-1-2
- Meets UL60950 Listing requirements (E 222 603)
- One operating LED (green), on uppercase

Output

- $9 V_{DC} 0,5A$
- $0-2 A_{DC}; 0-30V_{DC}$
- Regulated and protected against short-circuits

Input


- Nominal Input Voltage:
Two Versions: $110 V_{AC}$ and $230 V_{AC}; L/N/PE$
- Input Voltage Range:
 $230 V$ - Version: $196 - 264 V_{AC};$
 $110 V$ - Version: $95 - 135 V_{AC}$
- Frequency: $50 / 60 \text{ Hz}$
- Inrush Current: $< 20 \text{ A}$
- Fuse: internal, both input lines (L1 and N)
- Harmonics: EN 61000-3-2



Mechanics

- Chassis:
Desktop Chassis, ABS – plastic.
Impact-resistant, long-lasting thermoplastic material
- Dimension (L x W x H): $85 \times 100 \times 50 \text{ mm}$
- Protection degree: IP40

APtronic AG Headquarter
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- Input connector:
IEC 320 – C14; 2-pole power switch
- Output connector:
Cable output with 5 pole connector 
- AC Output Cable (optional): One version will have an AC – output. This output is used to source an external relays - board which will drive an elevation motor. The connection to the relays – board is done by isolated 6.3 mm Fast on – connectors.

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