

**Type : Primary Switched Power Supply**

Single phase, primary switched power supply

All parameters not specially mentioned are measured at 36Vdc, 3A, 25°C ambient temperature and 230Vac

**Specification :**

Technical changes reserved

**Safety Standards**

- Compliance : CE
- Safety : EN 60950
  
- EMC : EN 61204-3
  - : Class B (EMC Emission residential)
  - : Class A (EMC Immunity Industry)
  - : EN 61000-3-2 (Harmonic input current)

**General Data:**

- Isolation prim. – sek. : 4.2KV
- Case : Plastic housing
- Protection index : IP 20
- Safety class : II
- Ambient temperature : -10°C to +55°C Derating: -2.5%/ K > +45°C
- Cooling : Natural convection
- Storage temperature : -25°C... +85°C
- Operating humidity : 30...85% relative humidity, no condensation allowed
- Degree of pollution : 2 (EN 50178)
- Mounting : DIN Rail
- Size W x H x D : 90 x 89 x59mm
- Weight : 0.31 kg

**Input**

- Voltage nominal : 100...240Vac
- Voltage range : 90...264Vac
- Frequency : 50 Hz
- Current : 1.55A/ 0.84A (100Vac/ 240Vac)
- Derating : - 1%/Vac < 110Vac
- Inrush current (cold) : < 30A
- Terminals : 2 Pol spring clamp terminal (RIA AST055)
- Hold Up Time : 90ms

**Output**

- Voltage : 28...37Vdc, Initial set voltage 36Vdc +-1%
- Safety Extra Low Voltage : EN 60950 (SELV), EN 60204 (PELV)
- Current : 3A
- Power : 108W
- Overload protection : Constant current, typ. 1.1 x nominal current
- Load regulation : 2%
- Ripple and noise : < 100mVpp (measured at 20MHz bandwidth)
- Efficiency : typ. 89%
- Resistance to reverse feed : 50Vdc
- Terminals : 4 Pol spring clamp terminal (RIA AST055)

**Signaling:**

- DC OK, LED : LED green

