

Product Range:

Single phase primary
switched mode power supply

Technical Datas:

Model	: primary switched mode
Standard	: power supply
Safety	: acc. to EN 60950
Electromagnetic compatibility	: EN 50081-1 (transmission of interference) : EN 61000-6-2 (interferenc immunity)
Test voltage	: 4.2KV
Design	: plastic housing
Protection index	: IP 20
Safety class	: class I
Operating temperature	: 0°C til 40°C
Cooling system	: self-cooling by natural convection installed in horizontal position
Storage temperature range	: -25°C til +85°C
Operating voltage	
Input	: 230 Vac (100...240 Vac)
Frequency	: 50 til 60Hz
Input current	: type 0.6A / 230V _{ac} ; (1.2A/100V)
Switch-on peak	: < 10Ap
Mains failure hold up time	: > 20ms / nominal voltage 230Vac
Overvoltage protection	: varistor in primary circuit
Output	: 24Vdc stabilized 2% (SELV)
Range	: 24V adjustable between 21.6V – 26.4V
Output current	: 2.5 Amps / 24Vdc
Waviness	: < 150mVpp
Current limitation	: approx. 1,5 x nominal current (see Fig.1)
Efficiency	: typical 78%
Contacts	: screw terminals for max. 2.5mm ²
Fixing	: DIN rail mounting
Package	: packing in a carton
Dimensions w x h x d	: 105 x 58 x 90 mm
weight	: 250g



Special features:

- Characteristic curve see Fig. 1
- Short-circuit proof
- open-circuit proof
- compact
- high efficiency
- turn off by thermal overload
- overload proof
- connecting in parallel

output characteristic ($T_a=40^{\circ}\text{C}$)

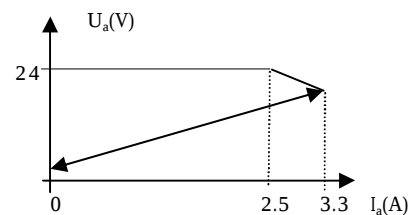


Fig. 1