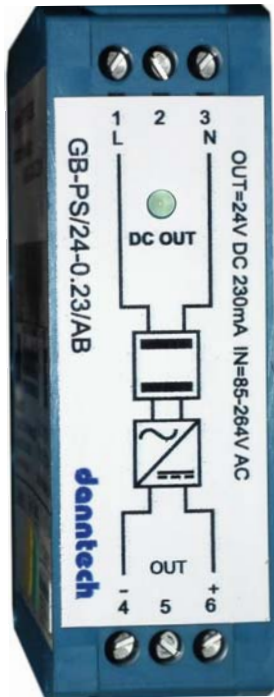


DC POWER SUPPLY 24V 230mA 85..265VAC



- Universal AC input / full range.
- Protection: short circuit, overload, over voltage, over temperature.
- Small and compact size, light weight.
- Cooling by free air convection.
- *Isolation class:*
UL60601-1/IEC60601-1/EN60601-1 medical safety approved.
- No load power consumption < 0.5W.
- 100% full load burn-in test.
- Fixed switching frequency at 67kHz.
- High reliability.

APPLICATIONS:

Powering of process transmitters.
Providing a regulated DC supply to any equipment.

PART NUMBERING:

GB-PS24-0.23/AB DC Power Supply 24V 230mA 85..265VAC

SPECIFICATIONS:

- Output voltage 24 VDC, maximum current 230 mA.
- Input voltage range 85 to 265 VAC or 120 to 370 VDC.
- Ripple and noise - 240 mV pk-pk.
- Line and load regulation $\pm 0.5\%$.
- Setup/rise time - 1000/20 ms.
- Hold-up time 100 ms/230 VAC, 24 ms/115 VAC.
- Input frequency range 47 to 440 Hz.
- Efficiency 76%.
- AC input 0.08 A at 230 VAC, 0.12 A at 115 VAC.
- Inrush current cold start 45 A at 230 VAC, 25 A at 115 VAC.
- Overload above 105% - hiccup mode, recovers automatically after fault condition is removed.
- Over temperature cutout at 145°C on control IC, recovers automatically after cooling.
- Operating temperature -20°C to 70°C, derate above 50°C linearly to 50% load at 70°C.
- Temperature co-efficient 0.03%/°C.
- Safety - .UL60601-1, TUV EN60601-1, IEC60601-1 approved.
- Withstand voltage - input/output 4 kVAC.
- MTBF - 739 kHours minimum.
- DIN rail mounting.
- Screw terminal connections.
- Dimensions 25 x 80 x 85 mm (W x H x D).
- Mass 100 g, mass in packaging 150 g.

dt danntech
PROCESS INSTRUMENTATION

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