

Single-phase, primary switched mode power supply, PCB assembly
PP-0109-005-0 - no longer available

Advantages

Stabilised output voltage
Low idling losses <0,1W
Wide-range input voltages
Short-and open-circuit proof
Thermal overload switch-off
Low ripple factor

Applications

Switching power supply with excellent efficiency and low no-load losses for direct soldering to the PCB. Provides an extremely space-saving design of various applications.



Picture shows PP-0105-008-0

Standards

Primary switched mode power supply
to UL 60950, UL 508

Safety:
EN 61558-2-16, EN 60950-1

EMC:
EN 61204-3

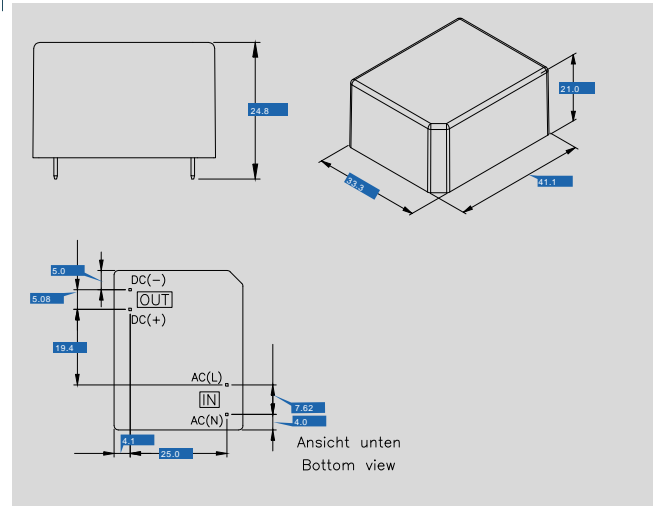
Approvals



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Type	PP-0109-005-0 - no longer available
Electrical data	
Input	
Input rated voltage	100 - 240 Vac
Input voltage range	85 - 264 Vac (120 - 373 Vdc)
Input voltage derating	-3 %/Vac < 100 Vac
Switch-on time	16 ms
Recommended primary preliminary fuse	2 A (delay)
Rated frequency range	44 Hz - 66 Hz / 0 Hz
Input rated current (rated load)	92 mA / 52 mA (100 / 230 Vac)
Power factor	0.45
Starting current limiter	< 7.5 A
Mains buffering (rated load)	14 / 83 ms (100 / 230 Vac)
Output	
Output rated voltage	9.0 Vdc
Power dissipation, no load/rated load	56 mW / 1.32 W
Over-voltage-protection	typ. 15 Vdc
Output rated current	0.45 A
Efficiency	typ. 75%
Ripple factor	150 mVss (Ripple + Noise)
Output limited current	typ. 1.2 - 1.8 x Inenn
Environment	
Ambient temperature	-25 °C to +50 °C
Storage temperature	-25 °C to +85 °C
Derating	-3 %/K > +40 °C
Type of cooling	natural convection
Safety and protection	
Protection index	IP 00
Safety class	II, without PE connection
Resistance to reverse feed max.	16 Vdc
Order numbers	
Order Number	PP-0109-005-0 - no longer available

Type	PP-0109-005-0 - no longer available
Mechanical data	
Terminal and mounting	
Terminals Input	Pins for PCB
Terminals Output	Pins for PCB
Mounting position	selectable
Measures and weights	
Dimension (W x H x D)	41 x 21 x 33 mm
Weight	0.04 kg



Subject to change.