

Single-phase, primary switched mode power supply, PCB assembly  
**PP-0118-003-0 - 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

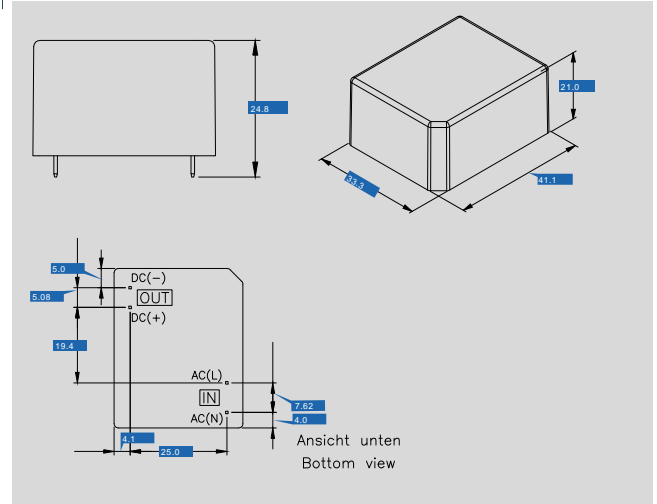
## Approvals



# Single-phase, primary switched mode power supply, PCB assembly **PP-0118-003-0 - no longer available**

Type	PP-0118-003-0 - no longer available
<b>Electrical data</b>	
<b>Input</b>	
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)	90 mA / 51 mA (100 / 230 Vac)
Power factor	0.45
Starting current limiter	< 7.5 A
Mains buffering (rated load)	17 / 87 ms (100 / 230 Vac)
<b>Output</b>	
Output rated voltage	18.0 Vdc
Power dissipation, no load/rated load	62 mW / 1.3 W
Over-voltage-protection	typ. 28 Vdc
Output rated current	0.23 A
Efficiency	typ. 76%
Ripple factor	120 mVss (Ripple + Noise)
Output limited current	typ. 1.2 - 1.8 x Inenn
<b>Environment</b>	
Ambient temperature	-25 °C to +50 °C
Storage temperature	-25 °C to +85 °C
Derating	-3 %/K > +40 °C
Type of cooling	natural convection
<b>Safety and protection</b>	
Protection index	IP 00
Safety class	II, without PE connection
Resistance to reverse feed max.	35 Vdc
<b>Order numbers</b>	
<b>Order Number</b>	<b>PP-0118-003-0 - no longer available</b>

Type	PP-0118-003-0 - no longer available
<b>Mechanical data</b>	
<b>Terminal and mounting</b>	
Terminals Input	Pins for PCB
Terminals Output	Pins for PCB
Mounting position	selectable
<b>Measures and weights</b>	
Dimension (W x H x D)	41 x 21 x 33 mm
Weight	0.04 kg



Subject to change.