

POWER SUPPLY 1-PHASE, 12V DC LOW POWER PIANO SERIES

PIM60.125

Power supply 100-240VAC 12VDC/5A NECC2

- Output current 5 A
- Push-in or screw terminals
- Up to 90,7% efficiency
- Low no-load power losses



PRODUCT DESCRIPTION

The latest and smallest representatives of the PIANO product family are currently the 12V DIN rail power supplies PIM60 (60W). Mini power supplies. New space opportunities.

The new PIANO Mini (PIM) power supplies create space in your systems or machines and allow you a more flexible planning. A 60W DIN rail power supply in a 36 x 90 x 91mm (WxHxD) housing is currently unique in the market. This results in completely new space opportunities for you.

Focus on core features.

The most important characteristic of the PIANO devices is their focus on the core features of a power supply: efficiency, lifetime, reliability and size. The very high PULS quality is maintained in each of these features.

Push-in or screw terminals - you decide.

For the PIM60 you can choose between push-in and screw terminals. The push-in terminals reduce installation time, and are very reliable in environments prone to shock and vibration. In addition, they are ideally suited for robot-assisted wiring processes.

The screw terminals, that accommodate large diameter wires, are still popular in environments with minimal shock and vibration.

Growing power supply family.

With the new PIANO Mini products, PULS now provides a complete, cost-oriented product family in the 36-480W power range.

SPECIFICATIONS

Type Power Supply	AC-DC
Input voltage range	Wide-range
Power Consumption At 120 V AC	1 A
Input voltage AC	100-240 V

Input voltage ac min	90 V AC
Input voltage ac max	264 V AC
Number of phases	1
Inrush current at 230 V ac typical	36 A
Power Consumption At 230 V AC	0,6 A
Supply Frequency	50-60 ±6 %
Inrush current at 120 V ac typical	15 A
Power Factor at 120 V AC, full load. Typical	0,55
Power Factor at 230 V AC, full load. Typical	0,47
Ripple. max	100 mV pp
Output voltage min	12 V DC
Power Reduction Of 60 To 70 ° C	2,4 W/°C
Temperature Range Without Derating From	-10 °C
Output voltage	12 V DC
Output voltage max	15 V DC
Effect	60 W
Output Current	5 A
Temperature Range Without Derating To	60 °C
Lifetime at 120 V ac, full load and +40 ° C	103000 h
Efficiency At 230 V AC, full load. Typical	90,7 %
Efficiency At 230 V AC. Typical	89,6 %
Lifetime at 230 V ac, full load and +40 ° C	119000 h
Efficiency At 120 V AC, full load. Typical	90,2 %
Weight	0,225 kg
Depth	91 mm
Width	36 mm
Height	90 mm
Clamp type	Screw
IP Class	IP20
Hold-up time at 120 V AC, full load. Typical.	23 ms
Series	Piano

Hold-up time at 230 V AC, full load. Typical.

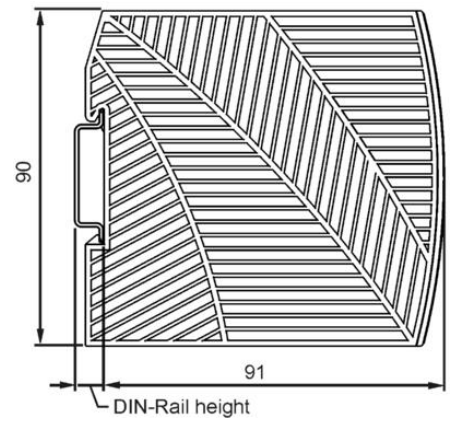
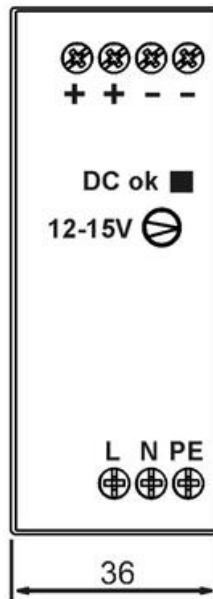
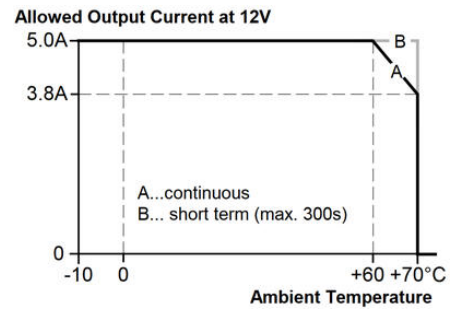
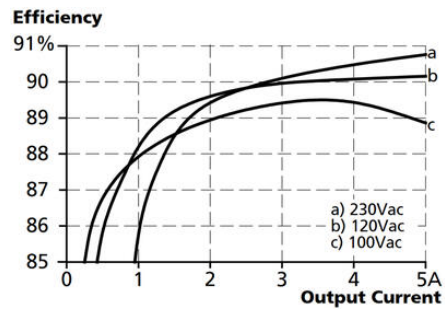
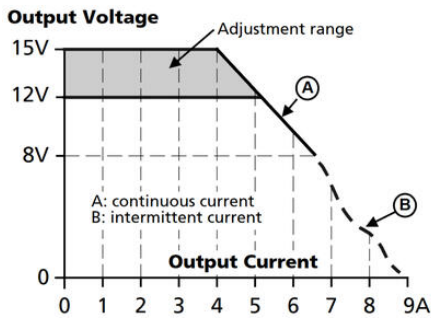
107 ms

Approvals

CB, CE, cULus

Material Protection

Polycarbonate



All dimensions in mm