

POWER SUPPLY 1-PHASE, 24 V DC PIANO SERIES

PIC480.241D

PSU 100-240V ac I/P 24V dc 20A 480W O/P

- Output current of 20 A
- Width 49mm
- Efficiency up to 95,7%
- DC-OK relay



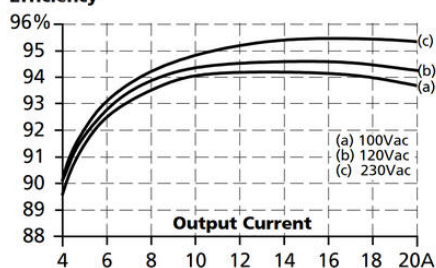
PRODUCT DESCRIPTION

SPECIFICATIONS

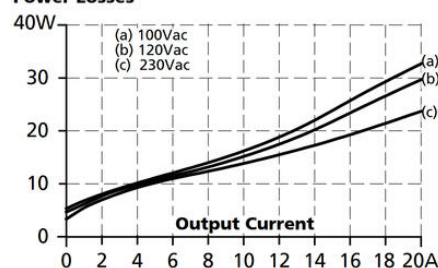
Input voltage range	Wide-range
Number of phases	1
Input voltage AC	100-240 V
Input voltage ac min	90 V AC
Input voltage ac max	264 V AC
Inrush current at 120 V ac typical	15 A
Inrush current at 230 V ac typical	35 A
Power Factor at 120 V AC, full load. Typical	0.99
Power Factor at 230 V AC, full load. Typical	0.97
Supply Frequency	50-60 ±6 %
Power Consumption At 120 V AC	4.4 A
Power Consumption At 230 V AC	2.3 A
Type Power Supply	AC-DC
Output voltage	24 V DC
Output voltage min	24 V DC

Output voltage max	28 V DC
Output Current	20 A
Effect	480 W
Power Reduction Of 60 To 70 ° C	8 W/°C
Ripple. max	100 mV pp
Temperature Range Without Derating From	-25 °C
Temperature Range Without Derating To	55 °C
Efficiency At 120 V AC, full load. Typical	93.9 %
Efficiency At 230 V AC. Typical	94.2 %
Efficiency At 230 V AC, full load. Typical	95 %
Lifetime at 120 V ac, full load and +40 ° C	79000 h
Lifetime at 230 V ac, full load and +40 ° C	102000 h
MTBF (IEC 61709) 230 V AC, Maximum Load, 40 ° C	704000 h
Width	59 mm
Height	124 mm
Depth	127 mm
Weight	0.81 kg
Clamp type	Screw
Series	Piano
Approvals	CB, CE, cULus
DC relay output	Yes
Material Protection	Aluminium
Hold-up time at 120 V AC, full load. Typical.	27 ms
Hold-up time at 230 V AC, full load. Typical.	27 ms
IP Class	IP20

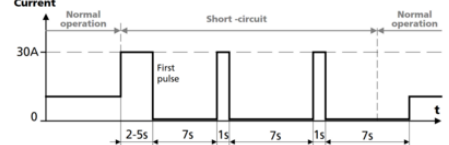
Efficiency

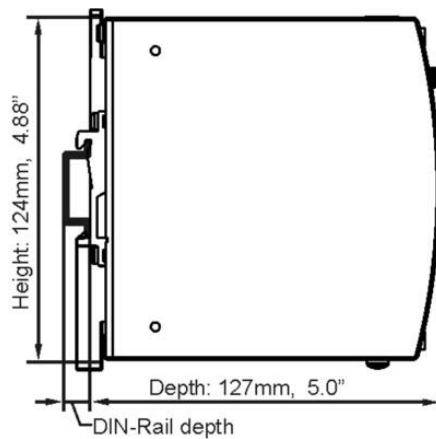
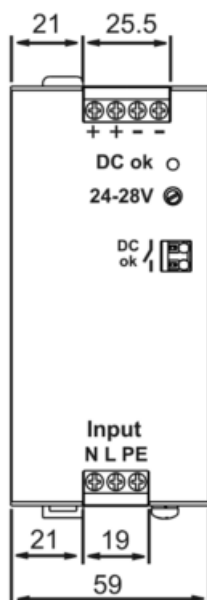
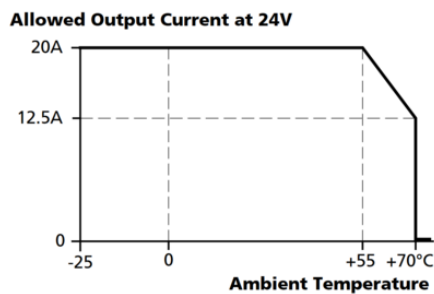
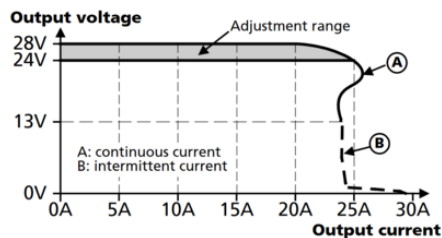


Power Losses



Output Current





All dimensions in mm