

POWER SUPPLY 1-PHASE, 48 V DC PIANO SERIES

PIC480.481D

PSU 100-240V ac I/P 48V dc 10A 480W O/P

- Output current of 10 A
- Width 59mm
- 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 | 18 A |
| Inrush current at 230 V ac typical | 42 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 | 4.3 A |
| Power Consumption At 230 V AC | 2.3 A |
| Type Power Supply | AC-DC |
| Output voltage | 48 V DC |
| Output voltage min | 48 V DC |

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|---|-----------|
| Output voltage max | 56 V DC |
| Output Current | 10 A |
| Effect | 480 W |
| Ripple. max | 100 mV pp |
| Temperature Range Without Derating From | -25 °C |
| Temperature Range Without Derating To | 55 °C |

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| Efficiency At 120 V AC, full load. Typical | 94.6 % |
| Efficiency At 230 V AC. Typical | 94.6 % |
| Efficiency At 230 V AC, full load. Typical | 95.7 % |
| Lifetime at 120 V ac, full load and +40 ° C | 101000 h |
| Lifetime at 230 V ac, full load and +40 ° C | 138000 h |
| MTBF (IEC 61709) 230 V AC, Maximum Load, 40 ° C | 704000 h |

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|--------|---------|
| Width | 59 mm |
| Height | 124 mm |
| Depth | 127 mm |
| Weight | 0.81 kg |

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|------------|-------|
| Clamp type | Screw |
|------------|-------|

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|---|---------------|
| 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 |



