

POWER SUPPLY 1-PHASE, 24 V DC PIANO, 20A

PIC480.241C

Powersupply 230VAC 24VDC/20A DC OK

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



PRODUCT DESCRIPTION

TECHNICAL DATA

INPUT DATA

Input voltage ac	200-240 V
Input voltage ac min	180 V AC
Input voltage ac max	264 V AC
Number of phases	1
Inrush current at 230 V ac typical	26 A
Power factor at 230 V ac, full load. Typical	0,99

OUTPUT DATA

Output voltage min	24 V DC
Output voltage	24 V DC
Output voltage max	28 V DC
Power	480 W
Output current	20 A

EFFICIENCY / LIFETIME / MTBF

MTBF (IEC 61709) 230 V ac, max load, 40 ° C	482000 h
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Efficiency at 230 V ac, full load, typical	95,7 %
Efficiency at 230 V ac, typical	95,2 %
Lifetime at 230 V ac, full load and +40 ° C	51000 h

DIMENSIONS

Weight	0,62 kg
Depth	124 mm
Width	49 mm
Height	124 mm

OTHER

Series connection for increased voltage	Yes
IP class	IP20
Cable connection	Screw max 6 mm ² solid, 4 mm ² stranded
Ripple max	100 mV pp
Power drop from +60 °C to +70 °C	8 W/°C
PFA (EN61000-3-2)	Fulfilled (Class A)
Transient	VDE 0160 (750 V, 0,3 ms)
Parallel connection for increased current	Not allowed
Clamp type	Screw
Temperature min without derating	-25 °C
Load regulation	<150 mV (0-20 A)
Series	Piano
Hold time at 230 V ac, typical full load	30 ms
Power consumption 230 V ac	2,2 A
Supply frequency	50-60 ±6 %
Primary fuse	Min 10A B type or 6A C type
Approvals	CB, CE, cRUus, cULus
Temperature max without derating	55 °C
Material protection	Polycarbonate
Type Power Supply	AC-DC
DC relay output	Yes

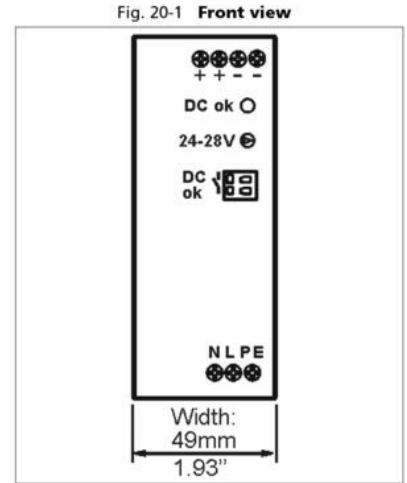
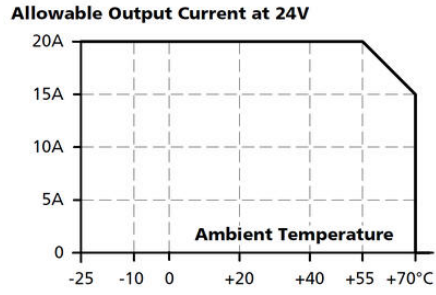
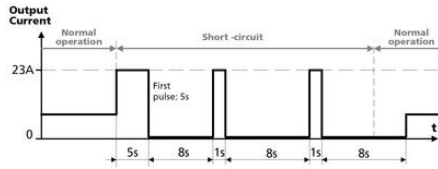
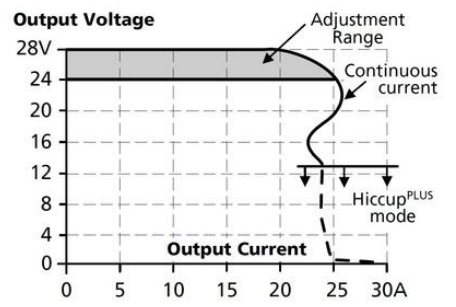
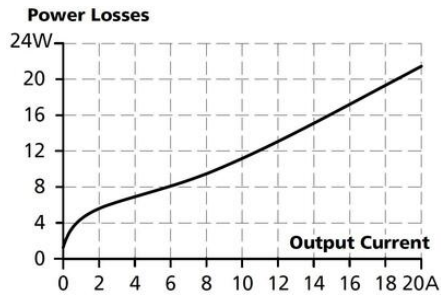
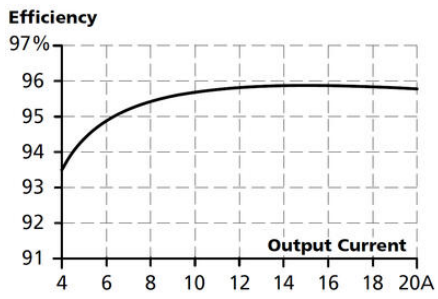


Fig. 20-3 Side view

