



Switching Power Supply

Christian Roving A/S, Power Division

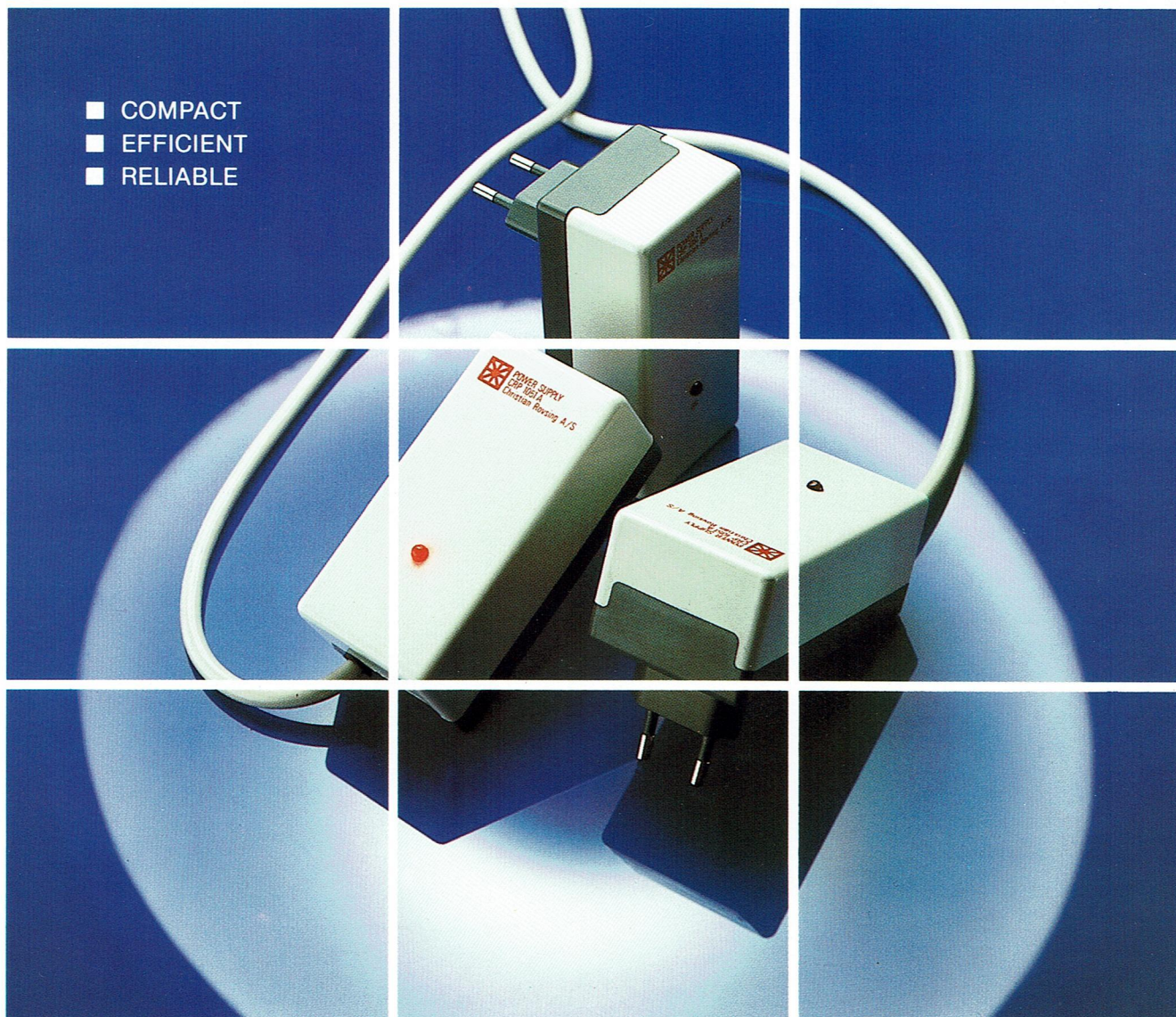
CRP 1051A 5V/3A

The CRP 1051A represents a new concept in switch mode power supplies.

Features of the CRP 1051A:

- High reliability due to low component count
- Long life due to cool and efficient operation
- Brown out protection due to wide input voltage range
- Meets European safety and EMI regulations
- Selfcontained, no installation cost

- COMPACT
- EFFICIENT
- RELIABLE



Input specification

Voltage:
187-264 VAC

Frequency:
45-66 Hz

Fuse:
T 1A

Output specification

Voltage:
5 V DC \pm 5% (\pm 2% OPTIONAL)

Current:
0-3 A in full input voltage range

Efficiency:
> 75% at full load

Load regulation:
1.6% Totally including voltage drop in 1.5 m cable

Line regulation:
< 0,01% Input variation/output variation

Ripple:
(F < 20 MHz) < 100 mVpp at full load across 1 μ f tantalium (< 25 mVrms)

Current limit:
At 3 A. Auto restart after short

Transient Response:
Within regulation in less than 100 μ S for a 50% - 100% - 50% load change

General specification

Hold-up time:
Se fig. 1

Temp. Range:
0 \rightarrow +55°C at 100% load

LED:
Indication on output

EMI:
Better than DIN 57871/VDE 0871 curve A and C

Dimensions:
L x W x H 100 x 50 x 40 mm (excl. plug.)

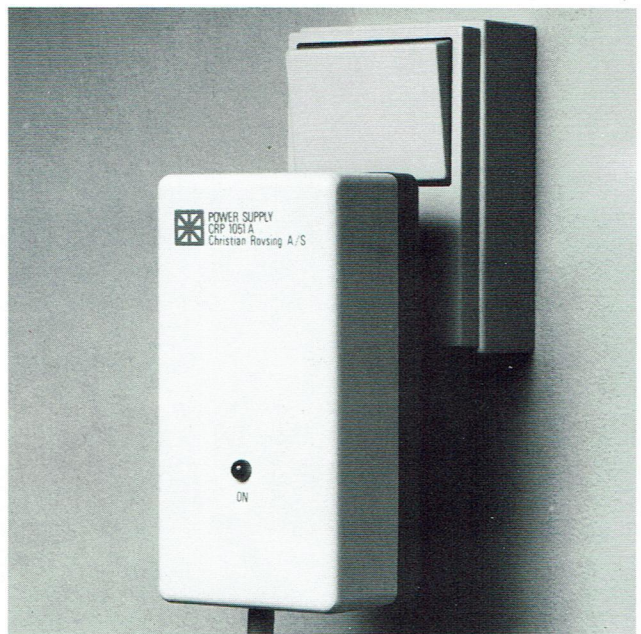
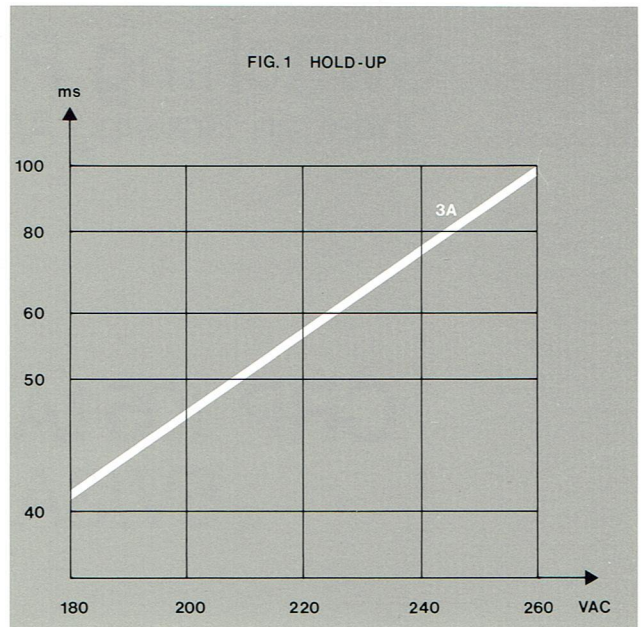
Weight:
app. 275 g

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Local Representative

Our products are under continuous research and development. Any information may therefore be changed without prior notice.