

non-isolated ac-dc switching mode power supply

ac-dc driver

- 12V fan supply
- CV 12V power supply
- long life
- built in EMC class A filter



**Futuro
Lighting**
design

FLPS4-NI

non-isolated ac-dc smps

Specifications:

V_{in} = 190-265 VAC

V_{out} = 12 VDC

I_{out} = 350 mA max

Output power = 4 W max

EMC Class A

T_a = -30 to +50 °C

No-load power consum.: < 200 mW

Efficiency: typical 75%

(refer to efficiency chart)

Connection:

Input: L, N solder terminals

Output: 2,54mm rast. connector

AC L internally connected to -Vout

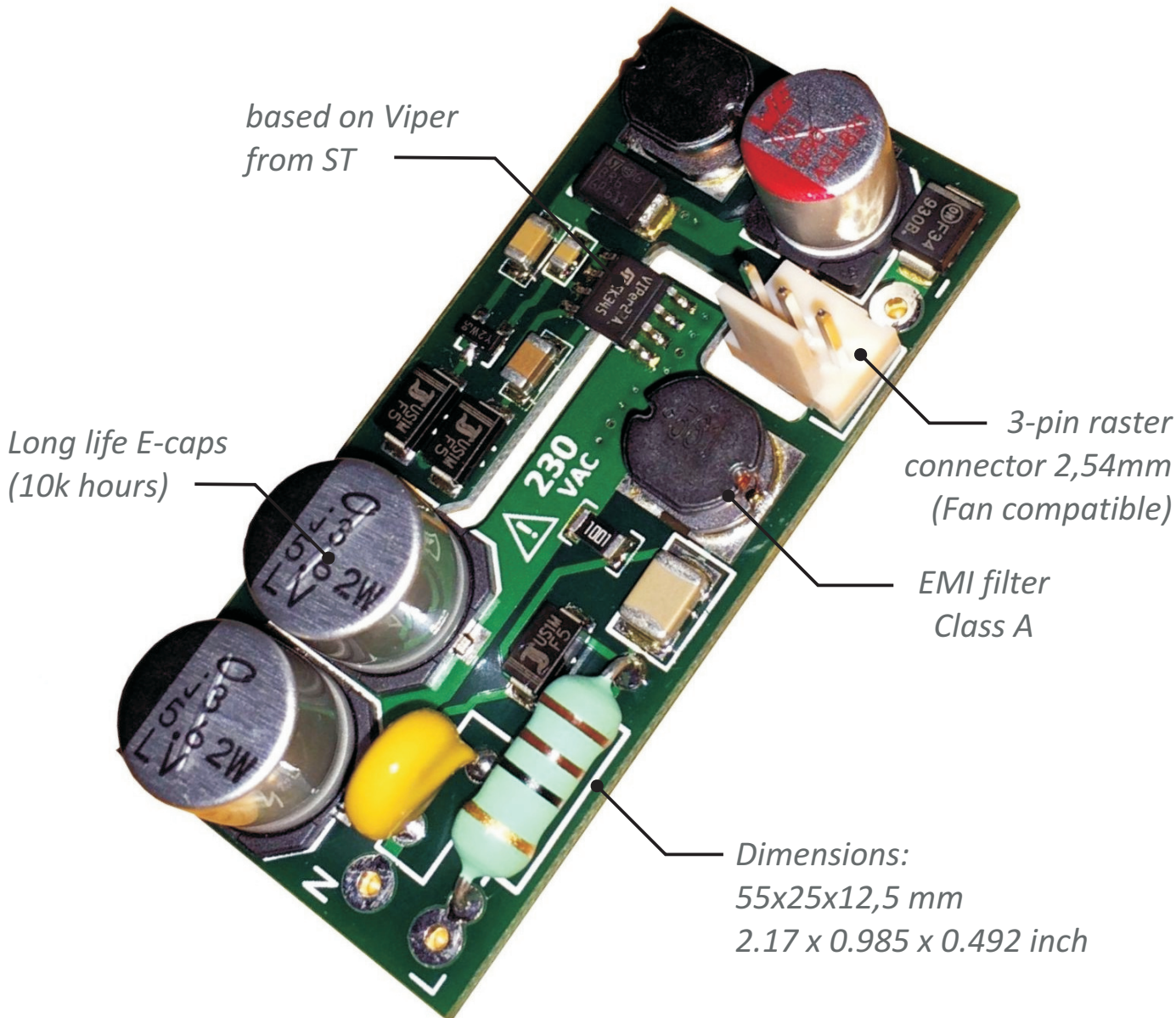
Built in Protection:

Over current

Over temperature

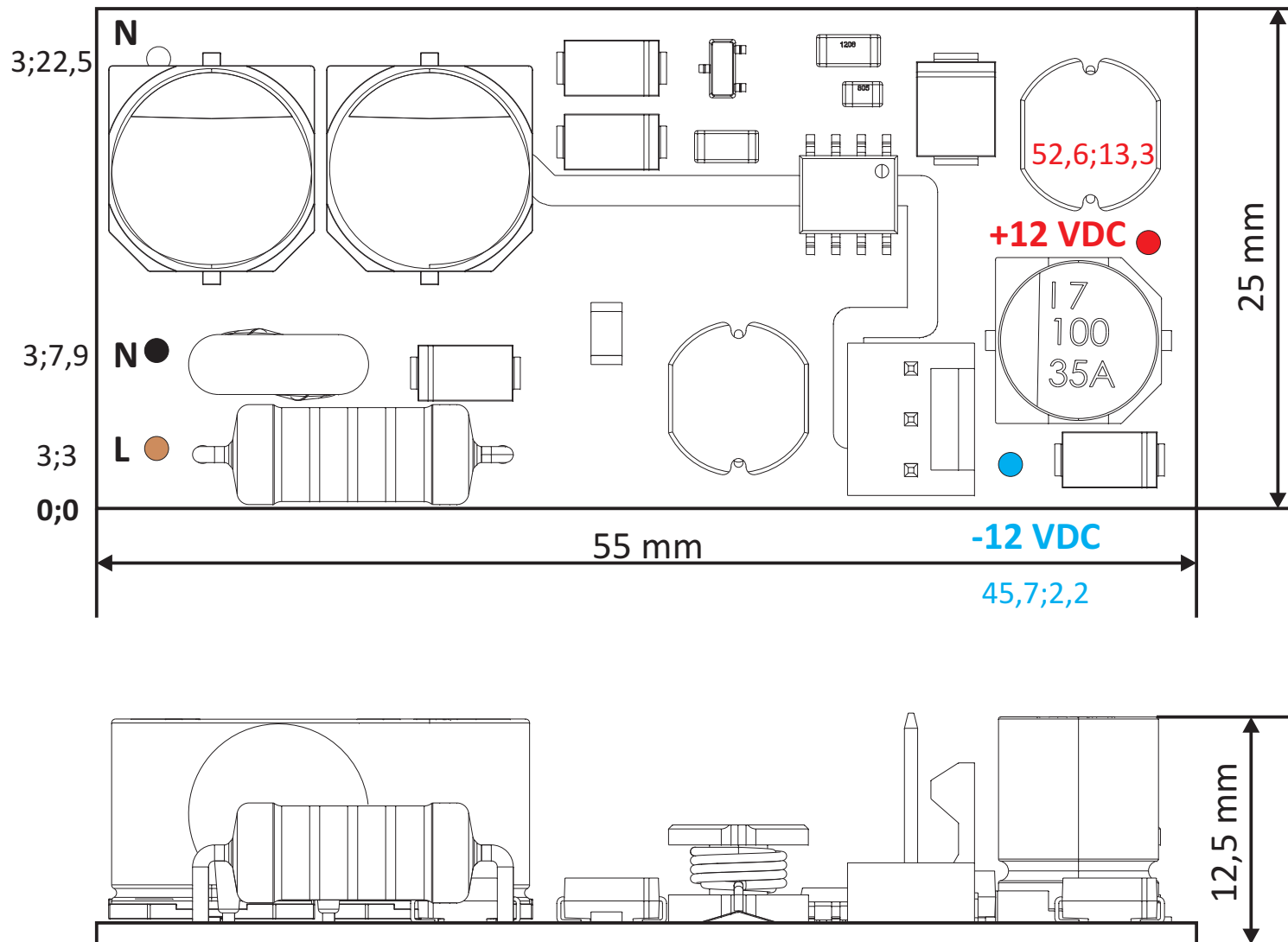
Over output voltage

Weight: TBD



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Specification

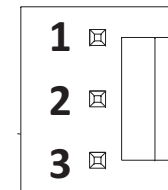


Input AC connection

L, N terminals
(hole: 1,2 mm)

Output connector

Pin 1 - 12 VDC
Pin 2 + 12 VDC
Pin 3 NC

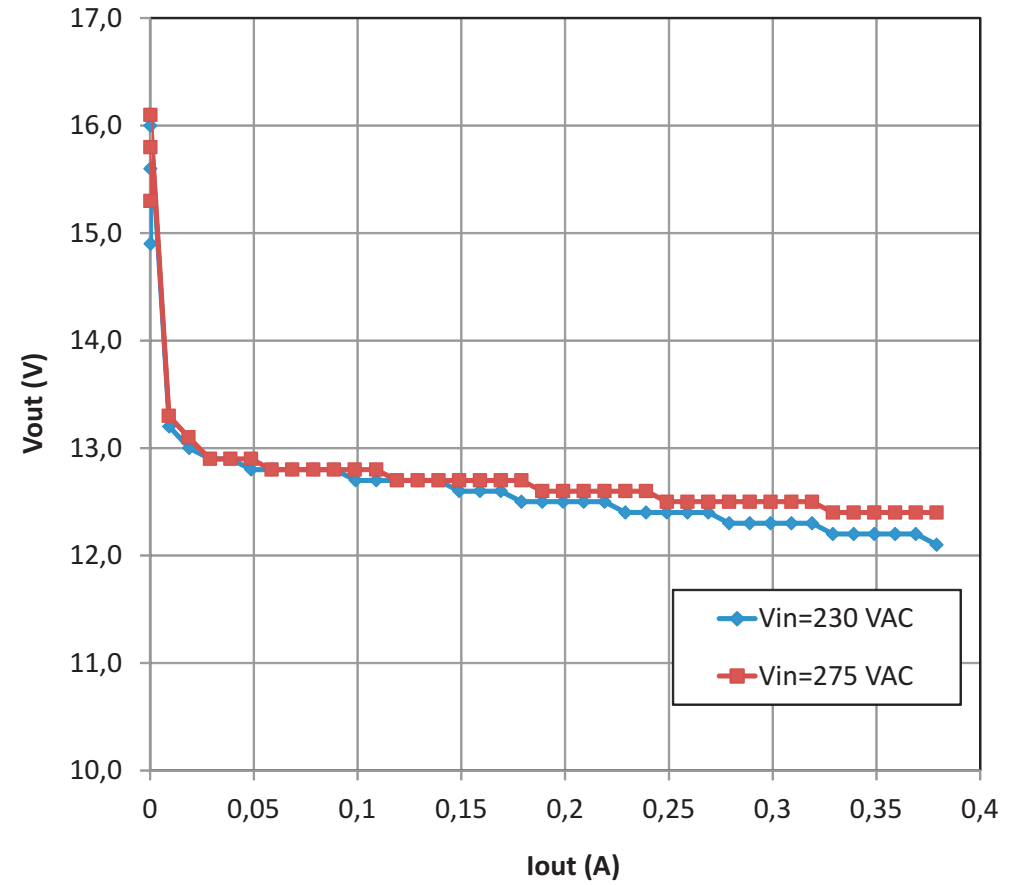
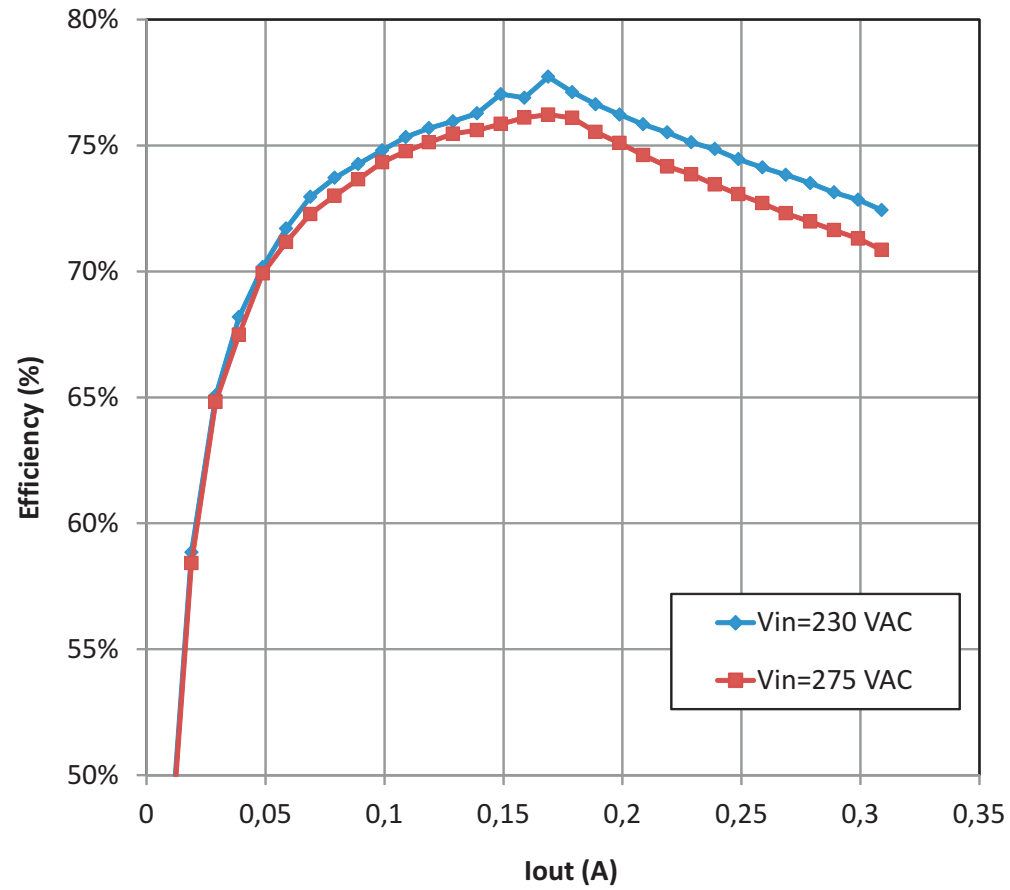


Output connection

additional solder
terminals
(hole 1,2mm)

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Efficiency, load measurements



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Connection

