

PS-0 Power Supply connecting module

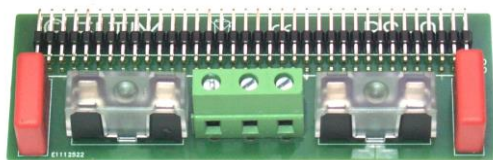
This PS-0 Power Supply connecting module is a cost effective way to connect one of our CS-80/120/165 modules to any symmetrical power supply.

It has the same depth as a VS-module in order to use as minimum space as possible.

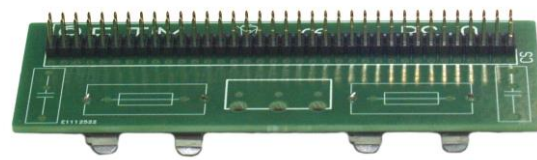
You could also build a multi-channel Amplifier, where all units are connected via PS-0 MC modules by 3 copper rods. The end of these rods are connected to a symmetrical power supply.

This PS-0 power Supply connecting PCB highlights:

- Space saving construction in combination with any ELTIM VS- and CS- modules.
- Quality fuse holders with dust cap in the power supply lines
- Depth matches exactly to VS-boards, only 35mm deep.
- Just 3-wire connection to a regular, symmetrical Power Supply required.
- Optional 10/15mm capacitors over the power lines (picture shows WIMA MKP4, 330nF/250V).
- Low cost, due to simple single side board design.
- Dimensions: 100x35x20mm.



PS-0 for normal use



PS-0 MC for multichannel use

Wiring

With this module, connecting a regular symmetrical power supply to our CS-80/120/165 is most easy.

Since a lot of power supplies lack secondary fuses, we mounted two quality fuse holders in the power lines.

Our amps deserve some quality fuses, like [AHP fuses](#). They DO make a difference!

For regular connecting of ELTIM CS-80/120/165 modules, use the PS-0 basic version (left picture). Just L-mount it to the CS-module and connect a quality symmetrical Power Supply to the 3-pole screw connector, pitch 7,5mm, that's it.

You could even build a most dense multi-channel Amplifier while using PS-0 MC modules in combination with our CS-80/120/165 Current Stage modules. An example drawing of that is at the next page.

While using PS-0 MC's, you could mount up to 5 channels next to each other, fitting in f.e. a MODU Slimline cabinet.

This module has no screw connector but three holes instead and a straight header connector. Sandwich mount a PS-0 MC on every channel you are using and discover that the ○ marked holes just "peak out" under/above the CS-modules.

You can connect (solder) all units by 3 copper rods of 2,5mm², leading through all PS-0 MC modules and connect all amplifier modules as a pack to a single, symmetrical Power Supply. All wired nice and clean.

On this PS-0 MC the silver plated fuse holders are basic and low profiled "fuse clamps" in order to fit and allows us to solder them at the back side. While doing so, they can be exchanged more easy in a combined multi-channel setup.

NOTE: most (cheap) SMPS power supplies are not dynamic enough for high quality audio performance!

Besides that, there are only a very few with a symmetrical supply voltage in the market.

Our amplifiers will perform at best while fed by a high quality LINEAR Power Supply, best noticed in a solid bass.

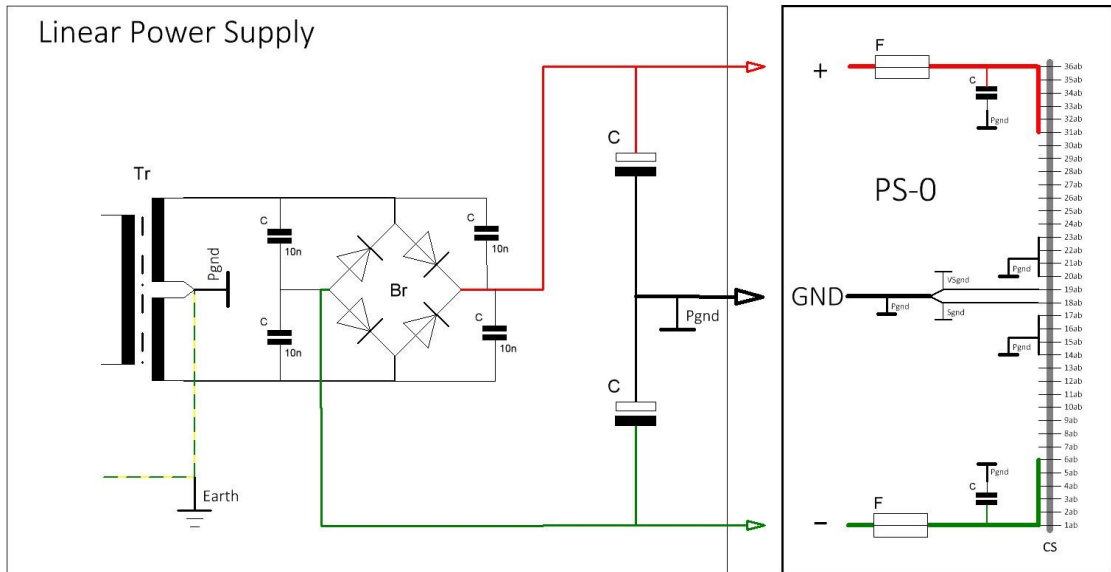
In a linear supply, power reserve is already present; in an SMPS mostly taken out of the Power Grid in a delayed manner.

[Check our website for ordering](#)

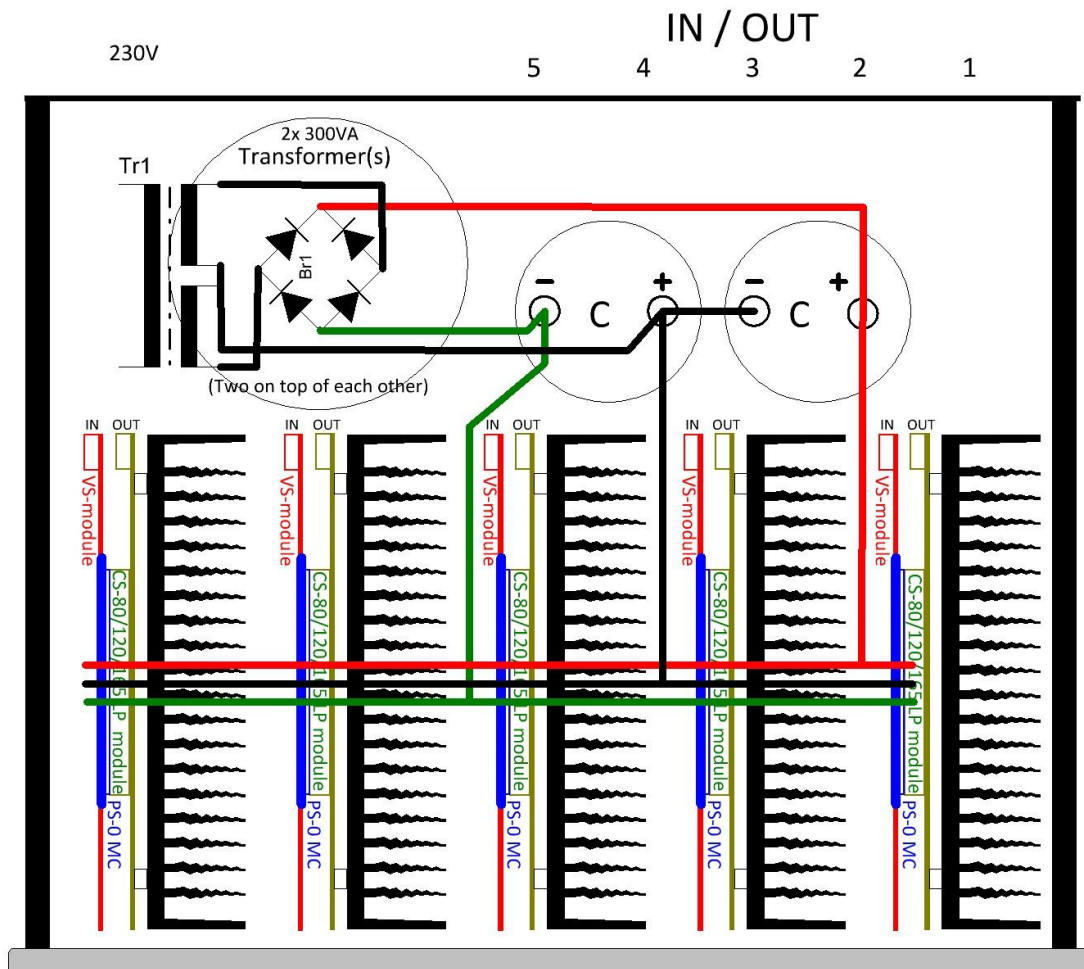
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Multichannel setup while using PS-0 MC modules:



Amplifier modules mounted upside down, giving easy access to the common power rail.

While doing so, also the fuses on the PS-0 MC's are easy accesible

Recommended cabinet: MODU Slimline 3U/350mm with full vented top/bottom lids.

Use CS-xx LP and VS-xx S type modules, saving space. All PCB's are vertical mounted for optimal air venting.