

PWFS 3x3A/3x400VAC+PE

SINE FILTER



PWFS3x3A/3x400VAC+PE is an independent sine wave EMI-filter unit.

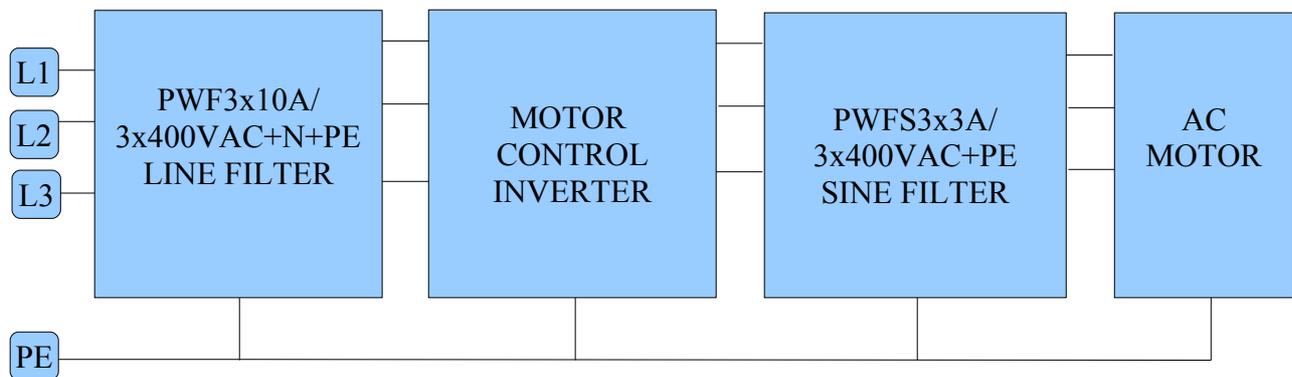
PWFS3x3A/3x400VAC+PE filter is designed for sine filtering and EMI suppression on inverter applications. It fulfills strict performance, reliability and life time demands. It can be used as single phase filter also.

Unit is capable to handle 3x3A continuously at +50C ambient temperature. Rugged load terminals are in the front panel. This ensures flexible cabling in all circumstances and high IP-class.

Mounting possibilities are various. Units can be stacked to gether with M8 bolts.

EMI shielded connectors are used. It is possible to use EMI shielded cables on the input and the output. On the input side it is recommended, because input side can be very noisy in inverter or switch mode power supply applications. Possibility to use shielded cables unlike in many other filter solutions does remarkably improve the effectiveness of the filter.

Application example:



PWFS3x3A/3x400VAC+PE

Electrical specification

Current capability: 3A rms max phase current.

Voltage range: 3x400VAC nominal.

Single phase use: Select L1 or L2 or L3 for phase line and N and PE line. 3Arms max current in single phase use.

Frequency range: 0-60Hz.

IP class: Even IP67 on demand. Equipped with gore valve for moisture/pressure control.

Connectors: EMI shielded IP67 connectors with strain relief.

Safety: According to IEC60950. Wait 10s before removing connectors after line switched off. During this time internal capacitors are discharged.

Mechanical dimensions:

Height 355mm

Width 255mm

Depth 80mm

Manufacturer: Powecon Oy, Elementitie 8, 41160 Tikkakoski, Finland.

www.powecon.fi