

Three-Phase Voltage Stabiliser

QuadCore 3

Maintenance-free voltage regulation without moving parts.

No tapped transformers, no servos, no need for shielding and filters.

When voltages are too low or too high or unbalanced, this QuadCore 3 will reliably stabilise and balance the three output phases with high precision.

QuadCore is compatible with all loads: All motors, heaters, inverters, all machines.

Reliable thyristors and multiple transformers stabilise over- and under-voltages.

No switching in the power path, no switching in the sine wave; no switching at all.

Just smooth and stress-free component selection at zero-crossing moments.

QuadCore 310, 315 and 330 for 10kW, 15kW and 30kW.

Duty cycle: 100% for maximum continuous power.

Overloads: 150% for 20 seconds, 300% for 5 seconds.

Output is 3x 220V or 230V or 240V - +1.5% phase to Neutral, fine adjustable per phase.

This is balanced 3x 380V or 3x 400V or 3x 415V - +1.5%.

QuadCore 3 will never produce anything other than balanced voltages.

Efficiency is 98%.

Operating ambient temperatures are -15 to 45 degrees C.

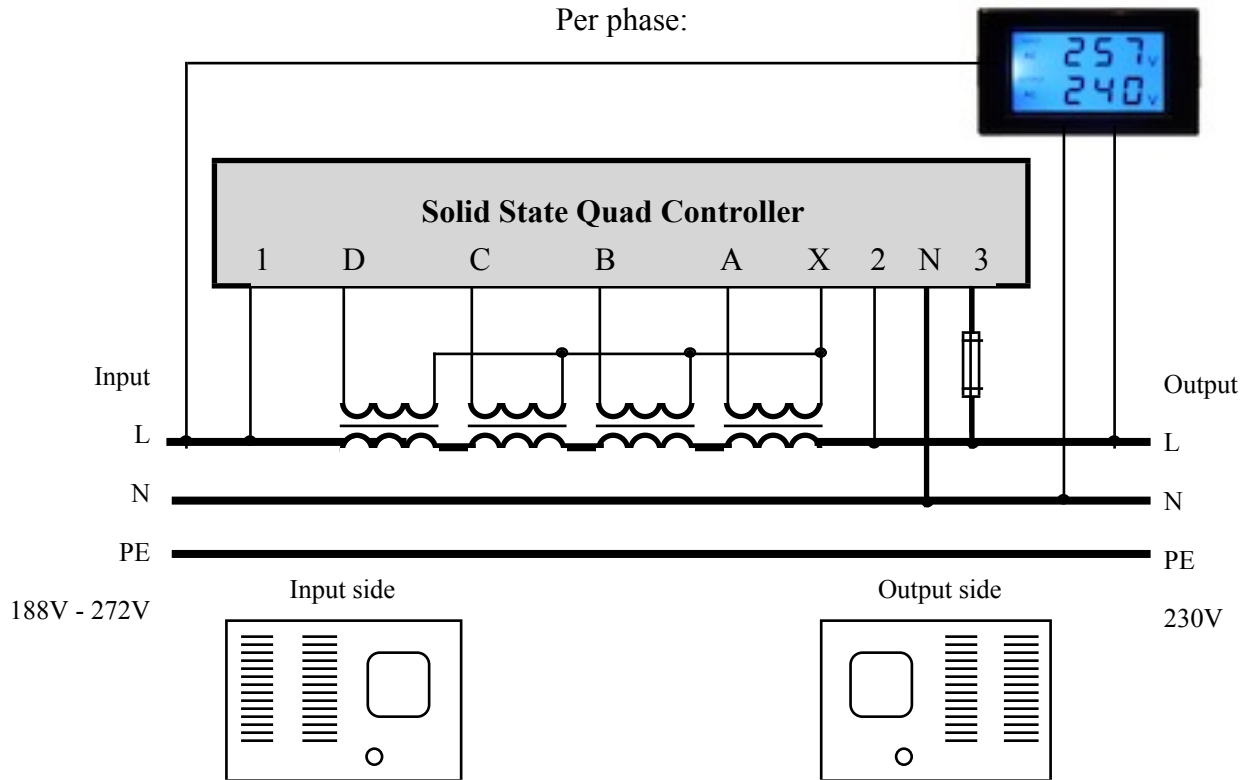
To be used in a dry and ventilated room.

Dimensions are W410 x L790 x H 370 mm. Powder coating is satin black.

Weight of QuadCore 310, 315 and 330: 70kg, 90kg, 140kg.



QuadCore Installation Three Phase



Output power is available one minute after turn-on (green light).

The maximum three-phase output currents are QuadCore 315 is 3x 22A, QuadCore 330 is 3x 44A.

Input currents at high input voltages are lower than the output current and vice versa.

Max. input currents at lowest input voltages are QuadCore 315: 3x 27A and Quad Core330: 3x 53A.

If used with motors, use d-curved or delayed overload breaker in the user's installation.

Three voltage fine-adjustment pots are behind the output lid.

All three digital meters will show an output voltage of 220V or 230V or 240V + - 1.5%.

This is equivalent to three-phase 380V or 400V or 415V.

Flexible installation:

Use a three- phase plug which can either be connected to the QuadCore output or to Mains power.

Fixed installation: Use a changeover switch:

