

Power Controller PLE1-2,2

2,2 kW / 230 V AC

Universal power controller for shortwave, ventilated IR-modules with soft-start.

Potentiometer or control voltage input signal.

DIN-rail mount

Principle:	flicker-free phase angle control
Output power:	max. 2.2 kW (9.5 A)
Output voltage:	15 ... 230 V AC
Control mode:	10 k Ohm potentiometer or 0 ... 10 V DC control voltage (e.g. SPC)
Input resistance:	100 k Ohm
Mains connection:	Connection terminals / 230 V (50 Hz)
Fuse:	F 10A
Load connection:	Connection terminals for ohmic or inductive loads
Case:	Aluminium, lacquered (grey)
Mounting:	switchboard DIN rail mounting (35 / 7.5 mm)
Protection class:	IP20
Dimensions (W x H x D):	98 mm x 130 mm x 93 mm
Weight:	approx. 0.65 kg
Ambient temperature:	-10° ... +40°C
Storage temperature:	-40° ... +85°C
Production guideline	
Electrical safety:	VDE, CE
Safety standards:	EN 60950-1:2006
EMC standards:	EN 55014-1:2006; EN 61000-6-2:2005; EN 61000-3-2:2006; EN 61000-3-3:1995 +A1:2001 +A2:2005

Unit for professional use !

Item-no.: 131916

Instructions for use on the back side →



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Instructions for use

The installation of the device should be executed by qualified and trained personnel only.

In case of using the product abroad, the regulations applicable in those countries must also be complied with.

The presence of mains voltage as well as control voltage are indicated by LEDs.

The minimal phase control angle (pre-heat) and the maximal control limit can be set individually and independently using trim-pots (U_{min} , U_{max}).

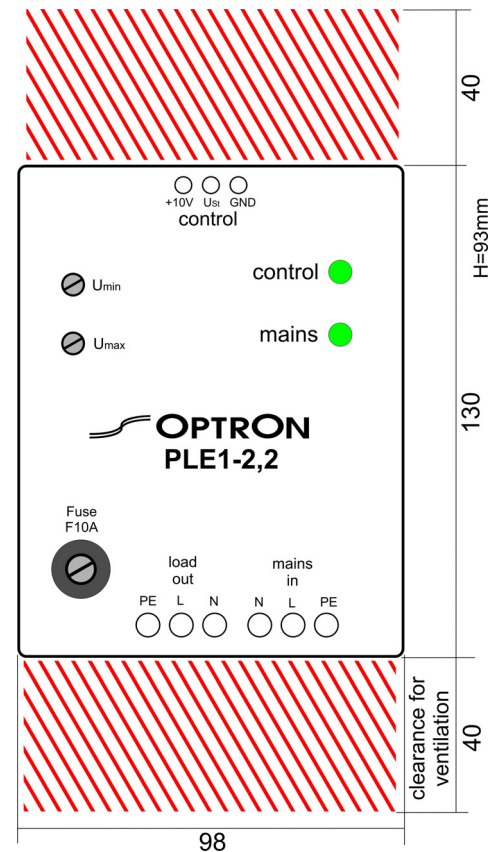
The output value can be controlled either with a potentiometer or a 10V DC analogue signal (e.g. SPC) (see diagram).

The power controller is equipped with a soft start.

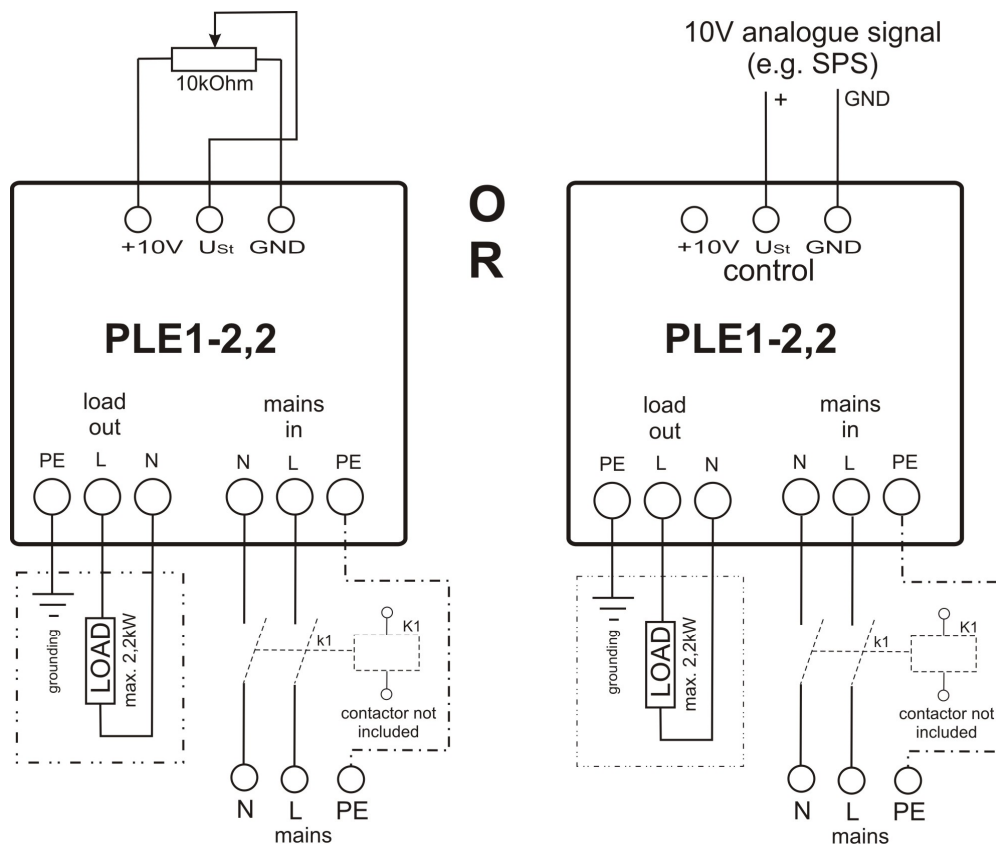
This means that when the mains is switched on, the current flow angle starts up slowly, but without delaying the power control.

Control of the mains voltage can be done with a contactor / relay / switch.

Please remember to never use the controller as a mains switch, always disconnect the load from the mains to turn it off.



Connection:



All prices excl. VAT

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All pictures are approximations

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