

User's manual - Primo Base AT

All work, like installation must be carried out by the qualified person – with professional qualifications and expertise in electricity and electrotechnics accordance with law and rules in concrete country.

Disconnect power supply before any installation or manipulation – preferably with circuit breaker.

1. Remove the front grill with a small screwdriver and prepare the mounting holes for wires leading from the wall. Install the fan so the service cables will be in lower part of the fan. Place the fan into air duct with suitable diameter. In a prepared place drill a hole for the electric service cable. (Warning! Sharp edges can damage wire insulation!). Install the fan using suitable screws and plugs.

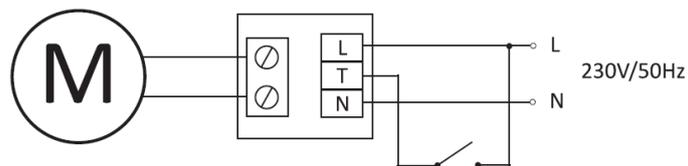


Mounting Hole



2. Connect the fan with power supply using the terminal strip. Usually goes from wall electric cable with 3 wires, so the blue is directly earthed conductor (N), brown / black is the phase conductor (L – under constant voltage) and third yellow-green is the circuit protective conductor (no need to connect when mounting plastic fan, can be blinded). Install the fan so the service cables will be in lower part of the fan.

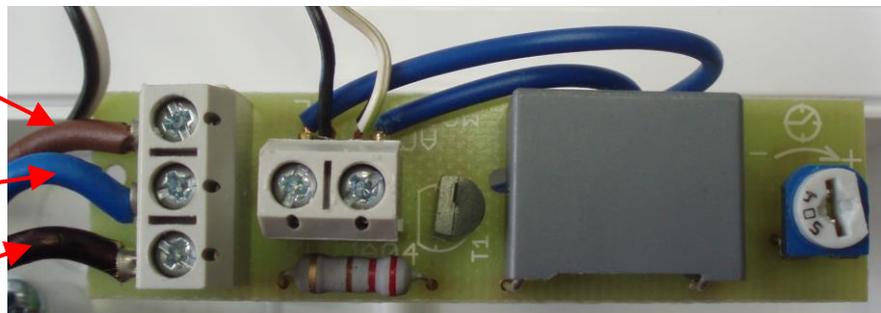
Axial fan Primo Base A has just terminal strip and thermoactuator, which opens the shutter and is connected to terminal strip together with cable from motor.



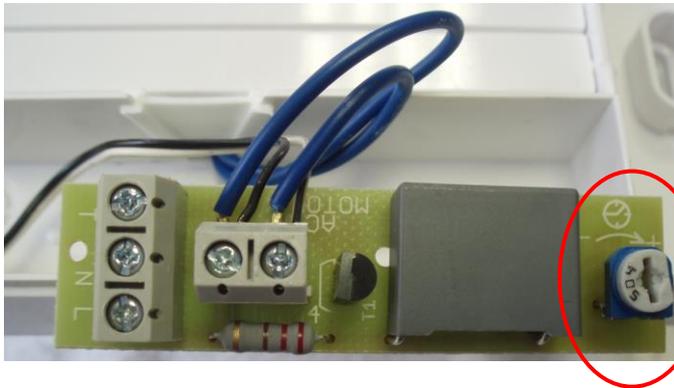
Controlled phase (T)

Directly earthed conductor (N)

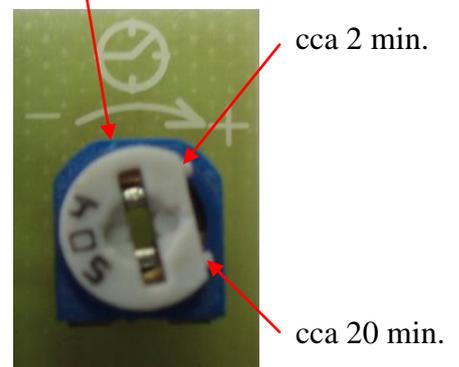
Phase (L)



- Carefully turn potentiometer in clockwise direction with small screwdriver from 30 seconds to 25 minutes (directions +-). For exact time experimentally turn and try.
Only after switching OFF on-off switch (no power supply on T) overrun starts.
After set time the device stops.



minimum (30 sekund)



- Cover the electronics and mount the front grill. Cable outlet should be in lower part of the fan and the plates in horizontal position. Connect power supply – switch on the circuit breaker.
Device starts Test Run, which provides test and measurement of the device and components.
After cca 35 seconds Test Run stops.

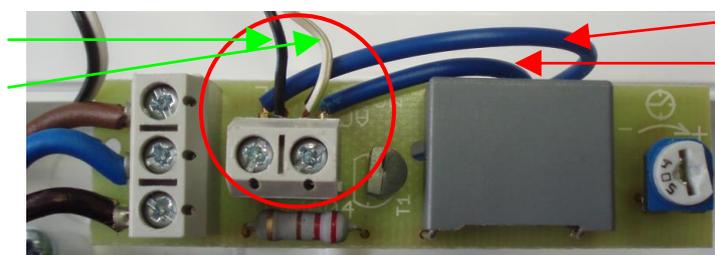


- Turn ON on-off switch to bring power supply 230V/50Hz into device – fan starts to work. At the same time thermoactuator gets warmer and during cca 50 seconds is the shutter open. After switch off device runs according to set time. Thermoactuator get colder and closes the shutter (wait cca 2,5 minutes until complete closure).

If device does not work properly, disconnect power supply and controll connection on terminal strip and potentiometer function.

If shutter does not work properly, disconnect power supply and controll connection of thermoactuator and motor cable into terminal strip – they are connected together.

Cable from thermoactuator



Cable from motor

6. Troubleshooting

	Trouble	Why	Solutions
1.	Device does not work	1.1. Missing voltage	Switch on the circuit breaker.
		1.2. Device is mounted wrong	Switch off the circuit breaker and control connection of cable from the wall and fan motor into terminal strip, switch on the circuit breaker.
2.	Device starts to work immediately after connecting to power supply	2.1. TEST RUN	Wait cca 35 seconds until TEST RUN ends. It controls correct function of device. Then device stops.
3.	Shutter does not open	3.1. Thermoactuator is not warm enough	Wait cca 50 seconds until thermoactuator gets warm and opens the shutter.
		3.2. Wrong connection between thermoactuator and other cables on terminal strip	Switch off the circuit breaker and control connection of cables from thermoactuator into terminal strip
4.	Shutter is open even if the device is switched off	4.1. Thermoactuator is not cold enough	Wait cca 2,5 minutes until thermoactuator gets cold and closes the shutter.
5.	Device works also after switching off	5.1. Electronics	Device allow overrun after switching OFF the on-off switch thanks to intelligent electronics
6.	Device works after switching off too long / too short	6.1. Potentiometer is set wrong	Switch off the circuit breaker, control potentiometer function with small screwdriver. Switch on circuit breaker.

7. Pay attention to regular service (once in 6 month minimum).

Disconnect power supply before any installation or manipulation – preferably with circuit breaker.

Clean with moist cloth with a little bit detergent – NOT! abrasiveness clearing agent, diluent or petrol.

Dry it properly. Fan motor can't get wet in any case.

Connect the fan with power supply using the terminal strip and control proper run of the fan.

Only correct installation and service will ensure long life working.

8. The warranty covers manufacturing defects, material defects or defects of instrument functions. The warranty does not cover mechanical damage, incorrect connection to power supply, incorrect servicing, use of the device in inappropriate conditions, common use, damage by third person, natural disaster or overvoltage.