User´s manual - Primo Base T

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.
<u>Disconnect power supply before any installation or manipulation – preferably with circuit breaker.</u>

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.
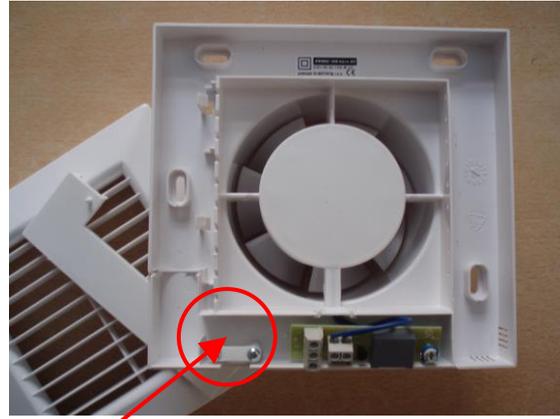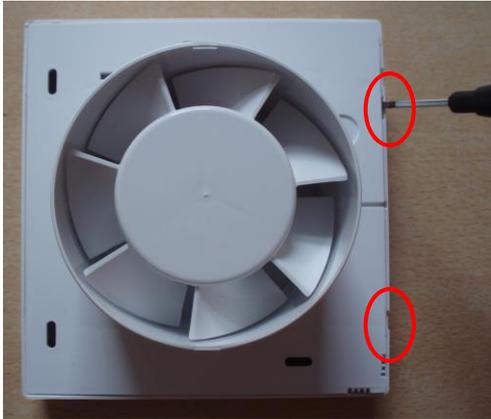
Mounting hole

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 T has electronics, which you connect directly to power supply (directly earthed conductor –N- and brown / black phase conductor -L - under constant voltage).
Into terminal T connect controlled phase wire from on-off switch (standard specification – brown).

230V/50Hz
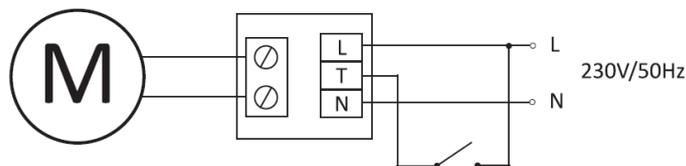
Controlled phase (T)

Directly earthed conductor (N)

Phase (L)
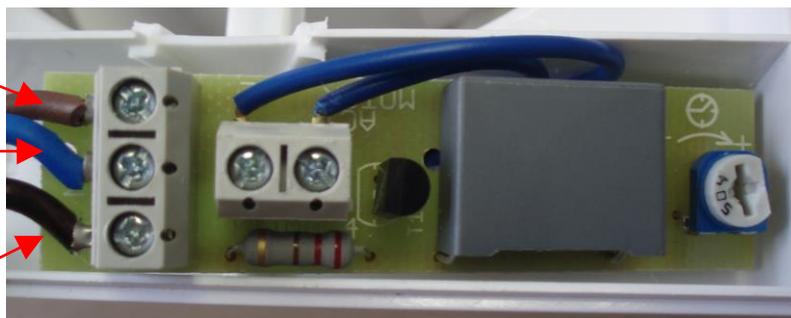
3. Carefully turn potentiometer in clockwise direction with small screwdriver from 30 seconds to 25 minutes (directions +-). For exact time experimentally turn and try.
Only after switching OFF on-off switch (no power supply on T) overrun starts.
After set time the device stops.
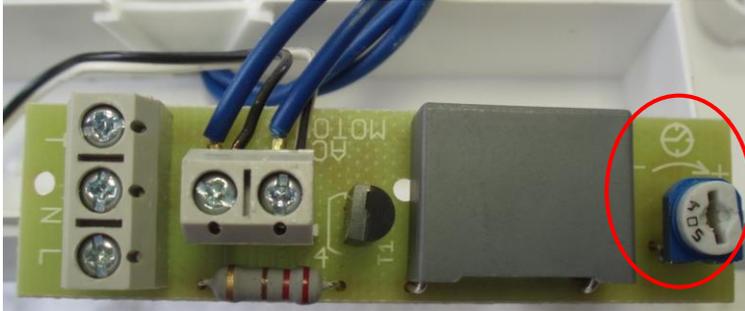
minimum (30 seconds)
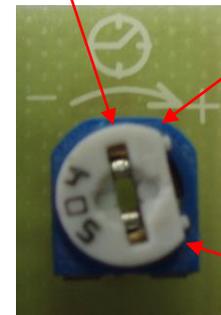
cca 2 minutes

cca 20 minutes

4. 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.
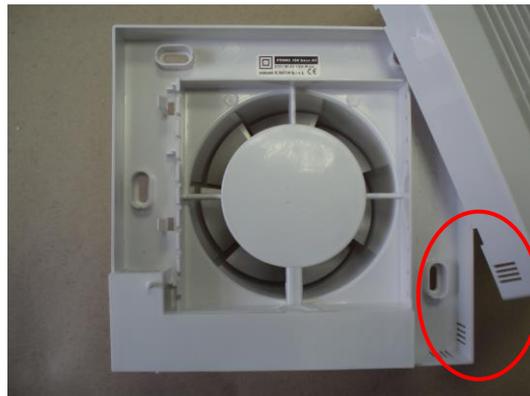
4. Turn ON on-off switch to bring power supply 230V/50Hz into device – fan starts to work according to set mode. Turn off on-off switch to disconnect power supply – fan stop works according to set time.

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

5. Troubleshooting

	Trouble	Why	Solutions
1.	Device does not work	1.1. Missing voltage	Switch on the curcuit breaker
		1.2. Device is mounted wrong	Switch off the circuit breaker and controll connection of cable from the wall and fan motor into terminal strip, switch on the curcuit 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 controll correct function of device. Than device stops
3.	Device works also after switching off	3.1. Electronics	Device allow overrun after switching OFF the on-off switch thanks to inteligent electronics
4.	Device works after switching off too long / too short	4.1. Potentiometer was set wrong	Switch off the circuit breaker, controll potentiometer function with small screwdriver

5. 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 clout 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 kontrol proper run of the fan.

   Only correct instalation 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 unappropriate conditions, common use, damage by third person, natural disaster or overvoltage.