



Mounting Instructions for the Micro Controller Time lag Type 5/ZII

Order No.: 039857 - Please pass on to User -

Application

The time lag module 5/ZII is a programmable control for fan motors:

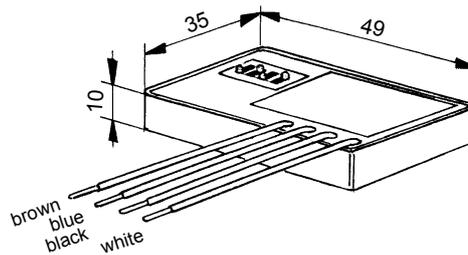
Functions:

- Switch-on delay
 - Time lag
 - Inverse operation
 - Interval switching
- Coupling to room lighting is possible.
Inappropriate application is not admissible.

Technical Data:

- Supply voltage 250VAC/50 Hz
 - Operating voltage range: 180 VAC to 275 VAC
 - Operating switching current: max. 0.5 A
 - Electr. power input: max. 115 W
 - Delay times: adjustable (refer to diagram „Switch settings“)
 - Factory setting:
 - Switch-on delay 120 sec.
 - Time lag 15 min.
 - Interval switching OFF
 - Inverse operation OFF
- The time lag module is EMC-tested and EMC-compatible.

Dimensions:



Switch settings:

Factory setting:

white switch knob

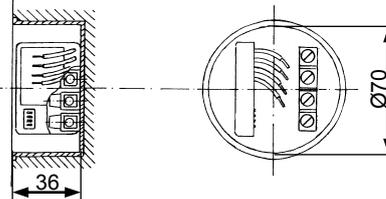
					Interval ON every 4 hours for 30 min
					Interval OFF
					Time delay 15 min
					Time delay 6 min
					Inverse operation ON 30 min Time lag after leaving the room *
					Inverse operation OFF
					Switch-on delay 120 sec.
					Switch-on delay 0 sec.

1 2 3 4 * depending on the time lag set

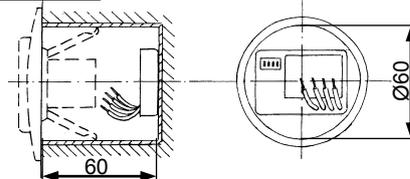
Installation

The time lag module can be appropriately installed, as illustrated, in a standard junction box or a standard switch box (60 mm deep).

Installation in junction box



Installation in switch



Safety Instructions

-  Caution! All work on the time lag unit (mains connection and setting of miniature switches) must only be carried out when power supply has been completely disconnected!
-  Ensure all connection lines are de-energized before connecting the fan unit to the supply voltage! (Disconnection from mains with at least 3 mm contact opening, e.g. electric fuse).
-  Each circuit connected to the fan must be equipped with residual current protection (e.g. RCD switch)!
-  Electrical connections must only be carried

Additional installations and electrical components in the fan are not admissible.
Connection diagrams for other fan functions available on

Operating the Unit

You can switch the following functions using the miniature switches:

Interval switching

If the interval switching is activated, the interval meter triggers a start of the fan every 4 h after the previous time the fan was switched off. The ventilation period is then 30 minutes.

Time lag

The fan continues to operate after switching off for the respective time set.

Inverse operation

Fan only starts to operate after room lighting has been switched off. The ventilation period is then 30 minutes.

Switch-on delay

Fan only starts 120 sec. or immediately after being switched on.

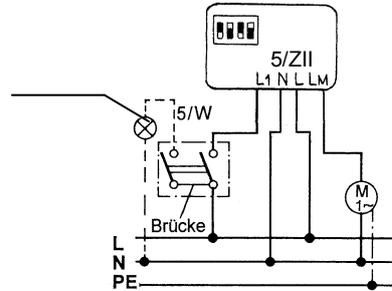
Simultaneous installation of basic ventilation in continuous operation of the fan and of the time lag for ventilation on demand or full load mode (interval/inverse and also time lag switching) is possible.

Electrical Connection

For LUNOS fans without time lag installed

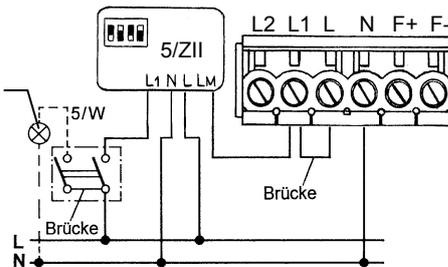
General:

Room lighting



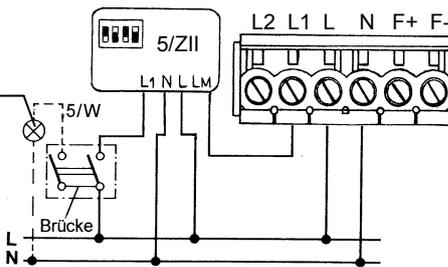
Time-lag controlled ventilation on demand:

Room lighting



Continuous operation of basic ventilation with switchable time-lag controlled ventilation on demand

Room lighting



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