

NV81 EMERGENCY LIGHTING NV82 ESCAPE ROUTE INDICATION

To ensure everybody can safely leave a room during a power outage, it's important to take the right precautions. Built-in batteries guarantee that the lights stay on after the power fails. The lighting armature can be tested with the test button. A special regulation informs you how an escape route should be planned and the way it's supposed to be indicated. The appropriate information can be obtained from your fire department or municipality.

Contents (1)

- a. NV81 emergency lighting with cover
- b. NV82 escape route indication with cover and 4 stickers

Positioning (2)

The NV81 acts as an emergency lighting armature which activates automatically upon a power failure, illuminating a room. A rule of thumb is wall-mounting 1 armature in the centre of every 25m² meters. The NV82 is an armature for indicating an escape route, containing 2 lights, one of which lights up as long as the 230V power supply is available, while the other switches on when the power fails. Therefore an escape route is always clearly indicated and by using the 4 included stickers you can always point people into the right direction. A good general rule is fixing an armature at every passage or emergency exit; an escape route indication should be placed at 20m intervals for long escape routes to indicate the right direction.

Installation

- Carefully open the armature using a screwdriver (3)
- Unscrew the interior (4)
- Flip the base plate (5)
- Mount the casing with at least 2 screws onto the desired spot, selecting 2 out of the 6 markings by doing so (6)
- Pass the cable through 1 of the 3 cable lead-ins, placing the packing into the hole (7)
- Connect the 230V power supply to the circuit, paying attention to the correct indications (8):
 - N=blue wire is neutral,
 - L =brown wire is live,
 - ⌵=yellow/green wire is earth
- Connect the battery to the connector on the circuit (9)
- Close the base plate and put the cover back on
- Switch on the 230V power supply, the load indicator lights up, 1 lamp switches on at the NV82 (10a and b)

Operation and testing

- A sticker must be applied to the NV82; select the correct one and stick it on the cover, choose one of the three emergency exit indications or the exit sign (11).
- Charge the battery for 24 hours directly after switching on, then turn off the power and completely discharge the battery, which will take several hours. Repeat this again to ensure correct operation.
- Test the armature once a month by pressing the test button, the lights switch on and the emergency lighting should illuminate on full strength within several seconds (12).

Replacing a fluorescent light

- Switch off the 230V power supply
- Open the housing using a screwdriver
- Remove the defective light by turning it
- Insert a new light and turn it a quarter-turn
- Close the cover and switch the 230V power supply back on
- Press the test button

Tips:

- In case of doubt, it's for everybody's safety advisable to install somewhat more emergency lighting than the recommended.
- Emergency lighting in the meter cupboard or technical space ensures sufficient light for quickly determining a problem.
- In case the light doesn't illuminate quick enough or not long enough when testing, replace the battery. Only use similar or original parts.