Initial commissioning

Product assembly

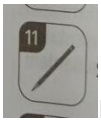
 **WARNING!**

Risk of electric shock!

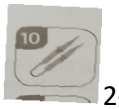
Improper operations on the mains voltage may cause injury to yourself and others.

- The installation must only be carried out by an authorized and qualified electrician.
- Before drilling, make sure that there are no power lines, water pipes or heating pipes in the desired spot. To do this, use appropriate testing equipment.
- Observe the safety instructions of the drill used.
- Note that the product is not suitable for installation on flammable surfaces. The product generates heat during operation.
- Perform the installation in a de-energized state (lack of voltage). Switch off the circuit breaker of the power circuit. Secure it (e.g. with a warning sign) before switching it on again.
- Do not mount the product if you are distracted or feel unwell.

 Metal testing device

 Pin

 Phillips screwdriver

 2-pole voltage tester

 Drill

 **WARNING!**

Risk of injury!

The required mounting material (dowels, screws) depends on the type of surface. Improper assembly of the product may result in injury.

- Only use mounting material that is suitable for the surface on which you want to mount the product.
- If necessary, seek advice from qualified specialists.

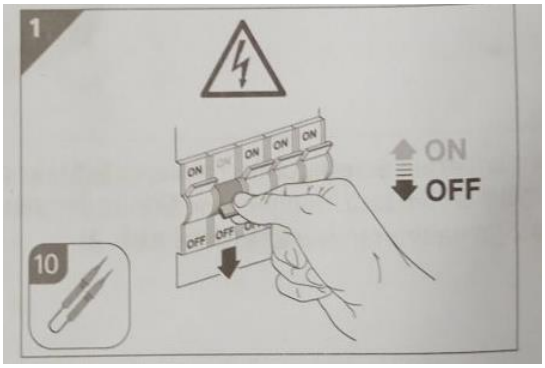
NOTE!

Risk of damage!

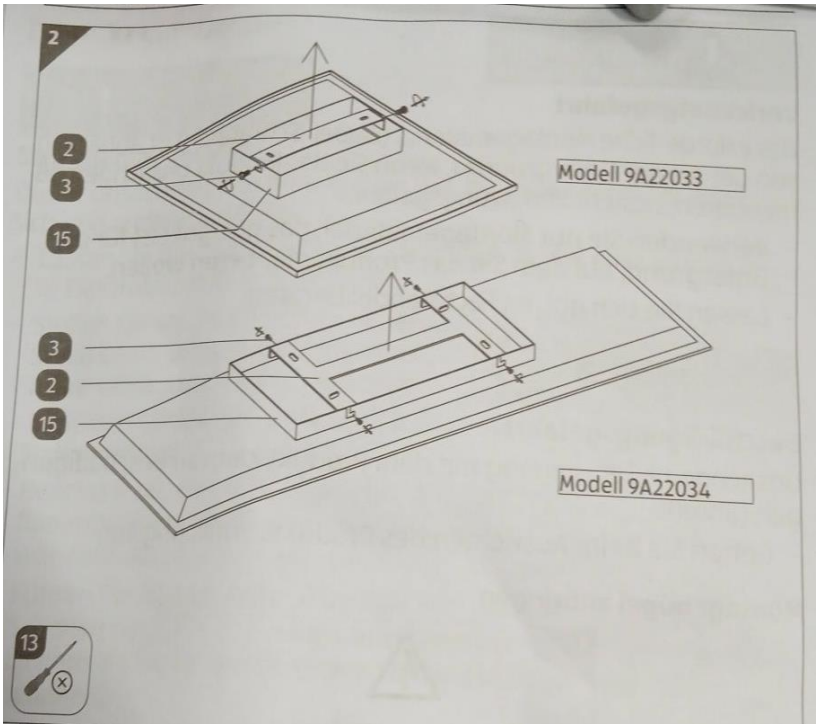
Improper handling of the product may result in damage.

- Proceed with caution when aligning the product.

Attaching the mounting bracket

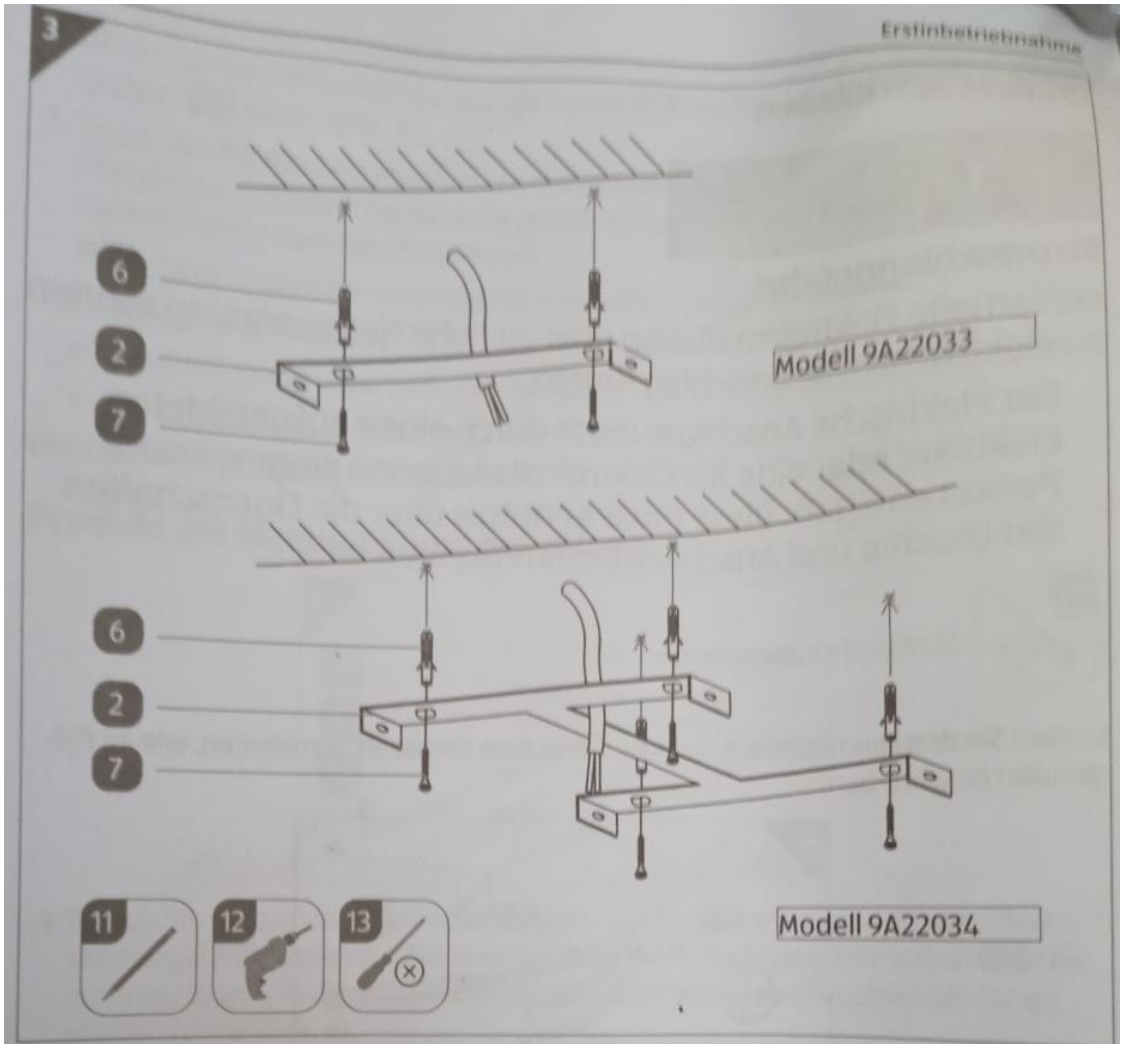


1. Make sure that there is no voltage on the ceiling cable to which the product is to be connected. To do this, remove the fuse or switch off the circuit breaker in the fuse box (0 position).
   Use a 2-pole voltage tester [10] to check de-energization / lack of voltage (see **fig. 1**).
2. Use a metal tester [9] to ensure that there are no cables or piping in the drill areas.
   If necessary, choose another place for mounting.



Model 9A22033
Model 9A22034

3. Loosen the pre-assembled fixing screws [3] slightly and remove the mounting bracket [2] from the luminaire housing [15]. To do this, use a Phillips screwdriver [13] (see **fig.2**).



Model 9A22033
Model 9A22034

4. Mark the planned drill holes for the dowels [6]. To do this, use a pin [11] (see **fig.3**).
   To accurately mark the drill holes, place the mounting bracket [2] on the ceiling and draw the markings through the through holes of the mounting bracket.
5. Drill the drill holes at the marked positions. To do this, use a drill [12].
6. Insert a dowel into every drill hole and in the process make sure that the upper edge of the dowels is aligned with the mounting surface.
7. Attach the mounting bracket to the ceiling. To do this, insert the screws [7] through the through holes of the mounting bracket and screw them into the dowels using a Phillips screwdriver [13].

The mounting dowel is now mounted on the ceiling.

Connecting the product

 **WARNING!**

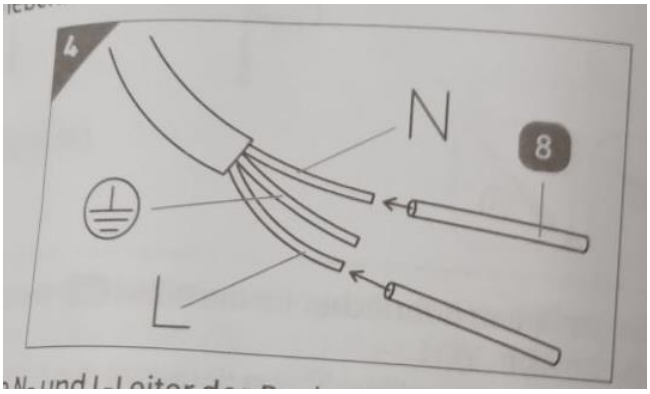
Risk of electric shock!

Faulty electrical installation or excessively high mains voltage can lead to electric shock.

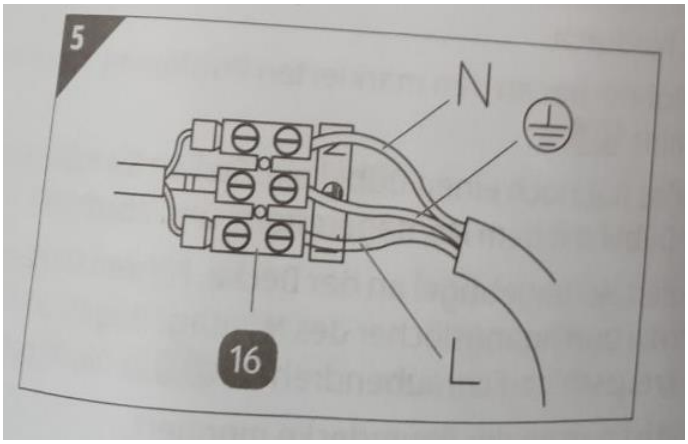
- The electrical connection must be established by a trained electrician or a person trained in electrical installations. This individual must be knowledgeable about the characteristics of the luminaire and connection regulations.

 slotted screwdriver

The electrical connection must be established by a specialist as described in the following.



1. Push the N and L conductors of the ceiling cable of the domestic installation through the protective conduits [8] (see **fig.4**).



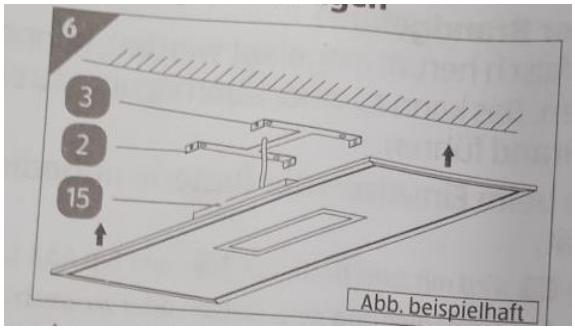
[16] connector box

2. Open the screws of the connector box [16] using a slotted screwdriver [14] (see **fig. 5**).
3. Connect the connection cable of the product to the ceiling cable of the domestic installation. To do this, correctly connect the individual conductors of the ceiling cable to the terminals of the connector box.
   Typically, the conductors of the domestic installation are of the following colors:

- neutral conductor (blue): N
- current-carrying conductors (black/brown): L
- Protective conductor (green/yellow): ⏚

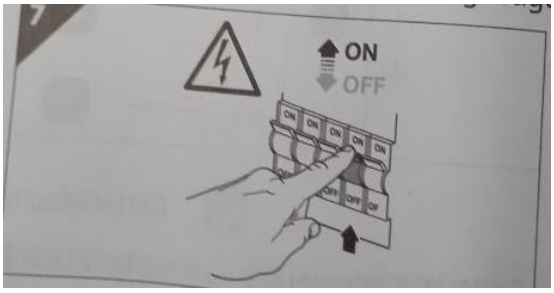
The product is now connected.

Attaching the product to the mounting bracket



Sample illustration

1. Place the luminaire housing [15] of the luminaire [1] on the mounting bracket [2] from below. In the process, ensure that the fastening screws [3] of the mounting bracket fit into the corresponding recesses of the luminaire housing (see **fig. 6**).
2. Move the luminaire slightly until the luminaire housing is hooked into the fastening screws.
3. Tighten the fastening screws using a Phillips screwdriver [13] to fix the luminaire housing to the mounting bracket.



4. Reinsert the fuse or switch on the circuit breaker at the fuse box (I-position) (see **fig.7**).

The product is now ready for use.

Operation

Turning the product on and off

- Operate the corresponding wall switch to activate the product.
- Operate the wall switch to turn off the product and to disconnect it from the power supply.

Inserting or changing batteries in the remote control

 **WARNING**

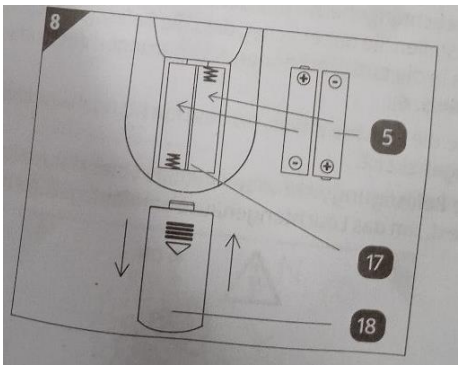
Risk of explosion or fire!

If batteries are inserted with the wrong polarity, they can be short-circuited. This can lead to overheating, explosion or fire.

- When inserting the battery, be sure to observe the correct polarity.

The remote control [4] is powered by two AAA 1.5 V batteries [5].

To insert or change the batteries in the remote control, you will need to proceed as follows:



[17] Battery compartment [18] Battery compartment cover

1. Remove the battery compartment cover [18] from the battery compartment [17] of the remote control.

2. If required, remove the two used batteries.

3. Insert two batteries [5] into the battery compartment. Ensure the polarity is correct (+ or -).

4. Slide the battery cover back onto the remote control until it snaps into place (see **fig.8**).

Operate the product using the remote control

The product can be operated via the included remote control [4]. In addition to the possibility of switching the standby mode on and off, the remote control offers various control options (see **fig. B**).