

AW-kit Installation manual ENG

This installation manual is intended for the following products.

P01780 Stand Alone Small Submerged – Kit w Solar Panel

P01782 Stand Alone Small Surface Mount – Kit w Solar Panel

CONTENTS

The control system ConverLight Dynamic Smart Auto is based on the following components:

1 Control unit *P01780 Stand Alone Small Submerged* or *P01782 Stand Alone Small Surface Mount*

1 Solar panel

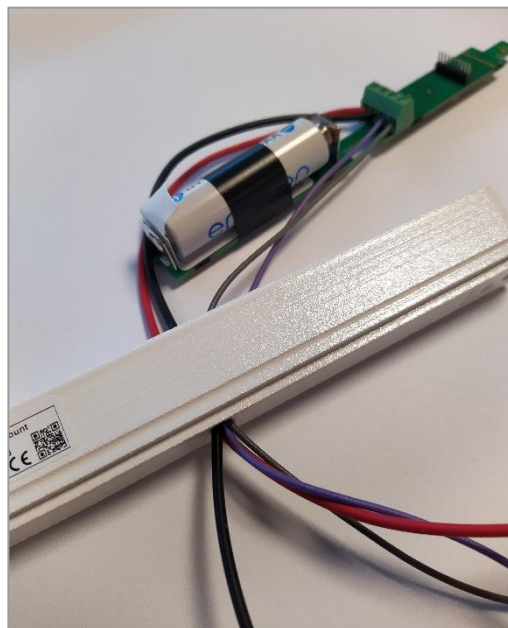


INSTALLATION SMART AUTO

The control unit is composed of the parts depicted below. The battery is delivered with an isolation tag to reduce the risk of consuming unnecessary battery voltage. Only remove the isolation tag when the glass and solar panel are ready to be installed.

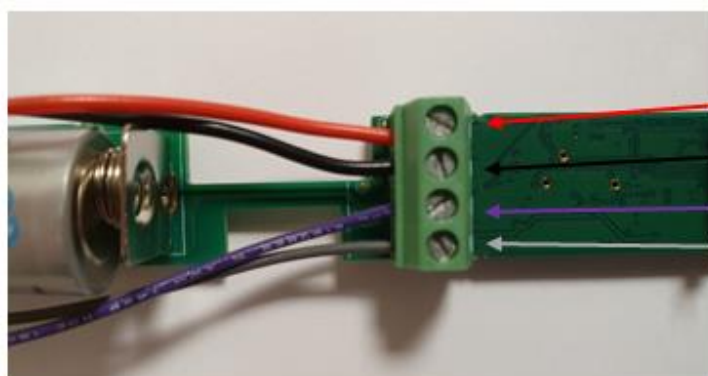


1. Pull the cables from glass and solar panel through the hole in the bottom of the box and connect the cables as described in the following steps.



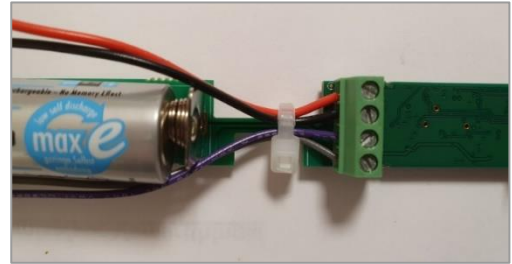
2. On the circuit board there is room to connect four (4) cables. (+) and (-) from glass and solar panel respectively. Cables have the following colors:

Glass (+) Red
Glass (-) Black
Solar panel (+) Purple
Solar panel (-) Grey

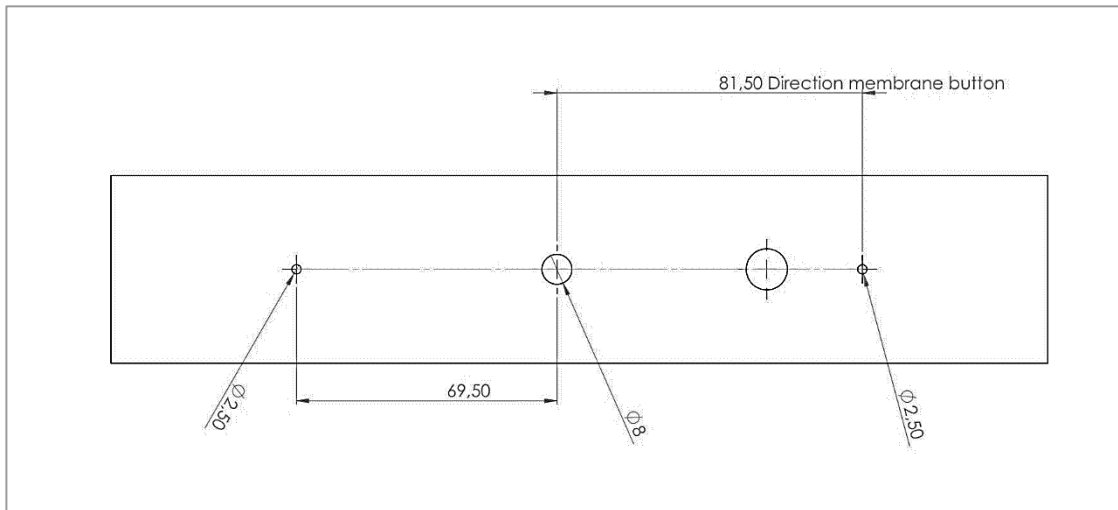


Glass Red (+)
Glass Black (-)
Solar panel Purple (+)
Solar panel Grey (-)

3. Relieve tension from cables using a small cable tie.



4. Mount the box in the correct place.



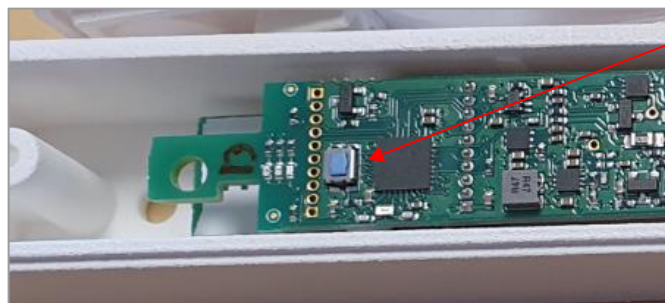
5. Remove the battery isolation tag and place the circuit board in the box (the box has a knob to match the hole on the circuit board). Make sure a surplus of wire is folded under the electronics.



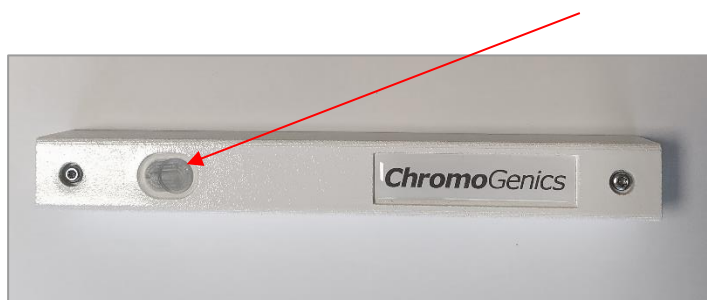
6. Test the connections by pressing the blue button on the circuit board.

If the glass is connected a green LED should be visible. Depending on the placement of the solar panel a blue LED will also shine. See part *Troubleshooting and test of connections* for a full explanation.

If there is a red LED the connection needs to be checked.



7. Close the box. Do the same test once more to see that the button is in the right place



TROUBLESHOOTING AND TEST OF CONNECTIONS

A short press on the membrane will yield information about the unit.

The LED-signal from a short press on the membrane means the following:

Green LED – Connection with glass is established.

Red LED – No connection with glass.

Blue LED (flashing) – Connection with solar panel ok, brightness is below the threshold of coloring.

Blue LED (steady) – Connection with solar panel ok, brightness is above the threshold of coloring.

Red LED (flashing) – Low battery

Note: Signals are shown at the same time. If contact with both glass and solar panel are established and the brightness is below the threshold, both a green LED and flashing blue LED will shine at the same time.

SET CONTROL TYPE

By holding the button for more than 3 seconds, the control type can be checked and set to desired mode:

Hold >3 sec:

Green LED flashing – Autonomous control of glass

Red LED flashing – Glass placed in bleached mode.

Blue LED flashing – Glass placed in colored mode.