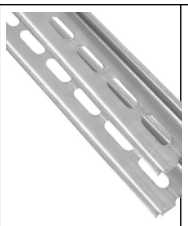
Housing kit Assembly instructions

1. Open the housing and remove all parts. Please check now whether all parts are present:

						
Housing with sheet metal rear panel	DIN rails	Wall bracket and screws	Washers	Screws with nuts	DIN rail brackets	Housing screws
1 piece	2 pieces	1 bag	4 discs	4 screws, 4 nuts	2 brackets, 4 screws	4 pieces in different sizes

   And possibly according to choice:

   - OpenSprinkler 3.0 / 3.2 AC, DC, with/without Ethernet connection or OSPI
   - DIN rail power supply unit
   - Cable, for DC with connector, for AC and OSPI 2 wires

2. Now remove the rear panel from the housing.
3. Mark the desired positions of the DIN rails with a pencil on the rear panel. The DIN rail should be screwed to the outermost holes. The following table contains the recommended positions:

Housing:	200x300	250x350	300x400
Drill holes for DIN rails:	8cm below, 6cm from the top	10cm from below, 8cm from above	12cm from below, 8cm from above

   Mark the desired positions with a pencil by drawing lines of about 3cm length on the left or right edge with the desired distance from the top and bottom. SEE PICTURE 3

4. Now place the DIN rails so that the lines are visible through the DIN rail holes. Mark the position for the drill holes with a pen left and right. Caution: The washer must still be under the DIN rail, so the edge of the washer should not stick out on the left or right. Now drill the holes and screw the DIN rail together. The washer is placed under the DIN rail, the nut on the back of the back plate. SEE FIG. 5+6

5. Now drill the holes for power, solenoid valves and if necessary sensors and network cables. First select a suitable cable gland and unscrew it. Then drill a hole of suitable size (e.g. with a step drill) so that the cable gland fits into the hole and can be screwed on the inside.
   Proceed in this way with all the holes to be drilled. The seal must always be on the outside. Then insert the cables and screw them together from the inside and outside. The cable must then no longer move (tensile strength).
   The housing can be a) fastened to the wall with the supplied brackets or b) screwed from the inside of the housing to the wall with screws. For the latter, you should seal the screw holes with silicone. To ensure IP 65 tightness, you have to seal and if necessary close all other holes which are not screwed with housing screws.
6. Remove the green and orange connection plugs from the OpenSprinkler. This makes it easier to connect the cables.
7. Install the OpenSprinkler on the DIN rail with the enclosed DIN rail brackets. Attention! Only tighten screws lightly! Screw slowly, if it "creaks", then another half turn!

8. Install the power supply unit and, if necessary, other components on the DIN rails
9. Now connect the power supply unit to OpenSprinkler. Make sure that the 24VAC (AC and OSPI) or 12VDC (DC) output of the power supply is used. Screw the cables tight at both ends so that they cannot come loose when pulled slightly. The polarity does not matter for AC and OSPi, for DC a suitable plug is included.
10. Now that all components are mounted on the DIN rails, install the rear panel of the housing into the housing. Use the 4 large screws from the bag "Wall bracket". SEE FIG. 10
11. Now connect the cables of the solenoid valves to the removed terminals and plug them back in. Connect the power supply unit with 230V to the corresponding contacts. Before doing so, make sure that no voltage is applied! The "earth" of the 230V cable can be screwed to the rear panel of the sheet metal. To do this, loosen a screw in the corner and fix the wire underneath.

    Warning: Electrical connections should always be carried out by a specialist!

    SEE FIGURE 11

    Ready! As soon as you switch on the power, OpenSprinkler should appear on the display.

Figure 3: Measuring distances

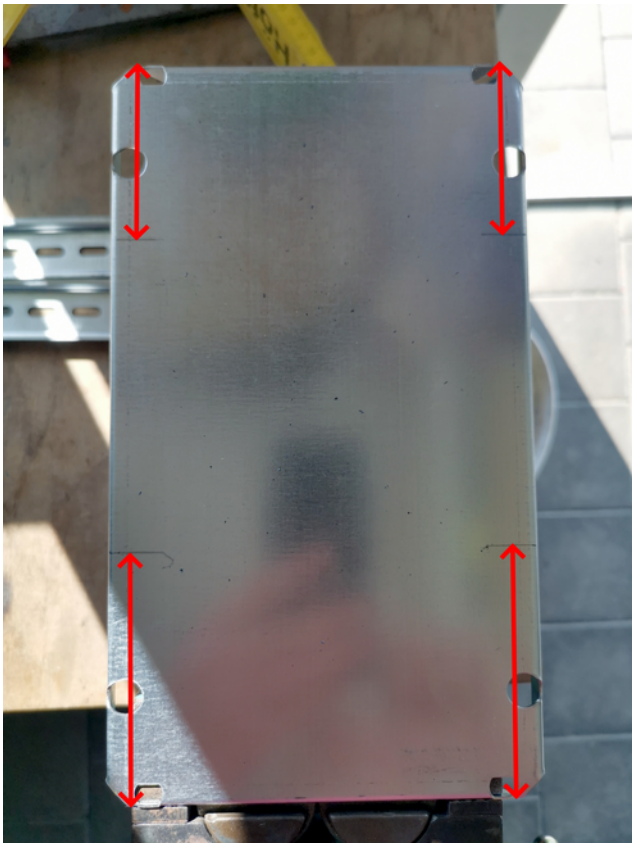


Figure 4: Mark boreholes

Figure 5: Screw on DIN rails

Figure 6: DIN rails completely installed

Figure 10:	Figure 11: Ready