

# Delta Membrane Systems Limited

## Delta HLA Plus Mounting Box Installation

For your safety, these products must be installed in accordance with local Building Regulations. If in any doubt, or where required by the law, consult a competent person who is registered with an electrical certification scheme. Further information is available online or from your local authority.

Never take risks with electrical safety. Before you start any type of electrical work, you must follow these following safety precautions:

- Switch off the main power at the consumer unit/fuse box. Isolate the circuit you plan to work on by removing the circuit fuse. Put this in your pocket to avoid accidental loss.
- Or if you have a breaker. Switch it off and lock it if possible.
- Attach a note to the unit to advise you are working on the circuit.
- Check the circuit is dead with a socket tester or voltage tester/meter for lighting circuits.

If the cable won't reach the terminals of the Delta HLA Plus Device without straining, don't pull it. Use a specially designed crimp or terminal block to attach a new short length of cable. Only do this if there is room for it inside the mounting box - all wiring connections must be accessible and not buried in the wall behind.

Should you be setting up a Delta HLA Plus Intelligent Alarm featuring a level float, or volt-free contacts, it will be necessary to install extra cable glands, which are included in the package, prior to affixing the panel to a wall.



### DANGER

**Do not open this unit if not qualified to do so. To reduce the risk of electric shock, do not remove cover. No user-serviceable parts inside. Before carrying out any maintenance work the system MUST be disconnected from the main power supply, and measures must be taken to prevent the system from being inadvertently switch back on.**

01

#### Remove the faceplate of the Delta HLA Plus

First, using a small flat head screwdriver, remove the two screws on the faceplate of the unit.

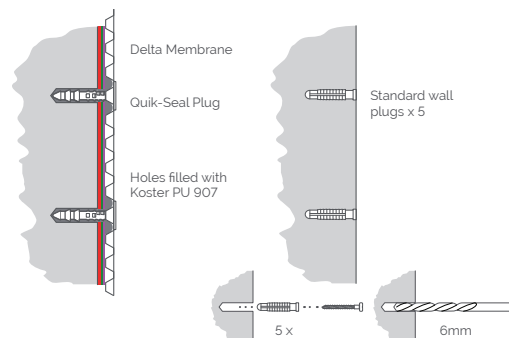


02

#### When mounting, it's crucial to select screws and plugs that align with the surface type.

For penetration into MS 500 or PT membranes, Delta Qwikseal Plugs (DMS 131) are recommended. Included in the package are stainless steel Ø 5 x 30mm self-tapping screws and standard wall plugs, which require a 6 mm drill bit for installation.

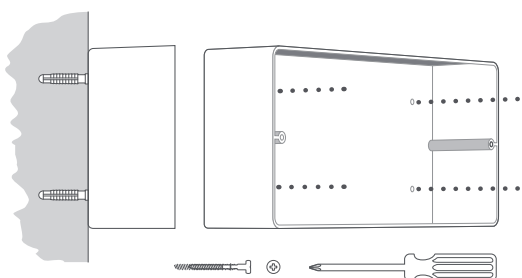
\*Some fixings can be used with a multiple of substrates whilst others are designed for use with just one substrate type. Fixings should always be appropriate to the substrate to which the Delta HLA Plus device (unit) is being fixed to.



03

#### Fixing the mounting box

Using a Philips head screwdriver, drive the mounting screws into the wall (or into the anchors, if installed) until they are flush with the mounting box.



04

#### Re-attach the faceplate of the Delta HLA Plus to the mounting box.

During the setup or commissioning phase, remember to connect the battery to the PCB board. Do not connect the battery to the PCB board if the device is not in use.

