

2ENTRY Helios – VANDAL RESISTANT accessories



Order no. 9135511E
Vandal resistant mask for
basic module
+ vandal resistant flush fitting box

Order no. 9135511KE
Vandal resistant mask for
basic module with keypad
+ vandal resistant flush fitting box

Order no. 9135515E
Vandal resistant mask for
one extension module
+ vandal resistant flush fitting box

Spare parts (to order):

Masks:	9135510E	vandal resistant mask for 1 basic module
	9135510KE	vandal resistant mask for 1 basic module with keypad
	9135514E	vandal resistant mask for 1 extension module
Boxes:	9135353E	vandal resistant flush fitting box for 1 module

Warning:

- * **Boxes are not to be bricked up** – they are designed for dry mounting.
- * **A hood** for the vandal resistant design is not included in the offer because it is very expensive to manufacture a hood with the same resistant properties as the panel. **Location** of the vandal resistant panel **in an external environment** is permitted without a hood. Because the climatic conditions in various countries could differ to a significant extent, the manufacturer cannot understandably guarantee the perfect functioning of the equipment under all circumstances (for example under a layer of frost). In such an extreme case, a suitable individual solution must be found – for example a recess, heating, closed boxing or similar.

Mounting instructions

Mounting the boxing into the wall:

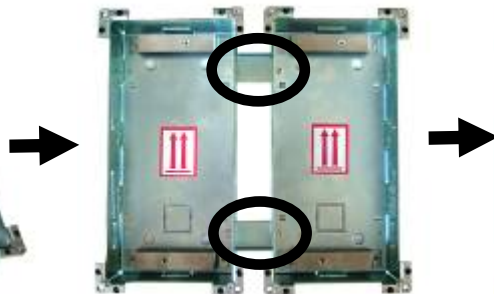
Prepare a hole with the dimensions 215 – 220 mm (height) x 105 – 110 mm (for one module) or in accordance with table below (for multiple modules). **WARNING!!!** The boxing is designed for dry mounting. The dimensions of the hole must be adhered to in order for all corners of the boxing to be flush with the façade - the boxing must not sink into the hole. This ensures the precise recessing depth of the boxing into the wall, which is necessary for the correct functioning of the product!!!



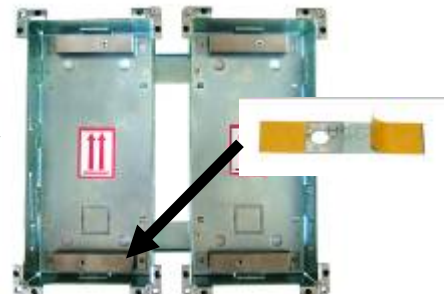
Only for installation of multiple modules:	Number of modules hole width	2	3	4	5	6	7	8
		239 to 244 mm	372 to 377 mm	506 to 511mm	639 to 644 mm	773 to 778 mm	906 to 911 mm	1040 to 1045 mm








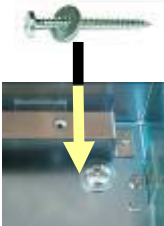

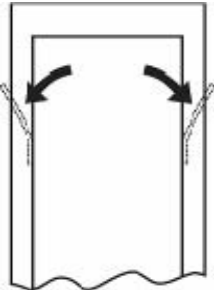
Before connecting boxes together, remove small side holes for cables passing through.



Connect boxes together jumpers and screws before wall flush mounting. Jumpers are from the bottom and screws from the top.



First box from the left is designated for base module. To the bottom strap stick on the metal washer provided in the package.

 <p>Classic brickwork: Please check first that around the hole is wall is straight. Asperity bigger then 1mm set straight! Insert the boxing (or set of connected boxes) into the hole so that it is vertical and so that its corners overlap the edges of the hole as evenly as possible and mark 4 future holes for dowels by the rounded holes in the corners of (each) box. Remove the box. Then drill 4 holes for rawl plugs (Φ 10 x 60 mm) directly according to the holes in the corners of the boxing. Insert the rawl plugs provided into the holes. These rawl plugs can also be used for porous and lightweight brickwork.</p>	 <p>Insulated facade: Procedure as for the classic brickwork. The rawl plugs must be positioned right into the brickwork and in the insulation layer is thicker than 50 mm, longer screws must be used, which are not included in the delivery. E.g. for an insulation thickness of 100 mm you should use 4.5 x 100 mm screws.</p>	 <p>Plasterboard: Rawl plugs and screws are not used. The sides of the boxing are equipped with flaps.</p>
<p>Make a hole in the boxing, which you will need for pulling through the cables (tel. lines, power supply, lead for the el. lock and similar).</p>		
  <p>Ordinary walling, isolated facade: Insert the box into hole in the wall – orientation by the arrows. On the screws insert supplied washer and screw up into the dowels. Always use all 4 screws! Before tiding up the screws make sure that box is correctly upright and all her corners exceeded whole edges. In case that hole is not straight or clearly cut it is better to fix it or put underneath of the box appropriate underpin to correctly adjust the height. The boxing need not be bricked up but in principle this is possible. This will however complicate possible dismantling of the unit. In case of corrosion caused by contact with aggressive material it is not possible to claim warranty. In the situation of masonry fitted boxes it is necessary make sure to leave the space for module interconnection!</p> 	 <p>Plasterboard: Secure the boxing by bending the flats as shown in the illustration. We recommend you secure the position of the boxing against displacement with a suitable adhesive (e.g. silicon putty). Adjust the flaps for plasterboard thicker than 12.5 mm. Warning: plasterboard is not very suitable for use in locations where vandalism is anticipated due to its low rigidity.</p>	
<p>Mounting of Helios into the boxing: Remove the front metal panel from the Helios unit (1 screw) and also the front plastic part (4 screws in the corners). The M4 x 10 mm screws attached to the base of the boxing are intended for mounting the Helios unit into the boxing. When mounting multiple boxing, always mount the basic unit on the left and the extension module on the right.</p>		
<p>Perform electrical installation according to the instructions, which are supplied with the Helios basic unit. Never forget to connect the backlighting when mounting the unit on an external environment.</p>		
<p>Attach and screw on the front plastic part (parts). Be careful not to nip any cables when doing so. Carefully tighten all screws. Insert names into the nameplates.</p>		
<p>Insert the labels into name tags.</p>		
<p>Do not remount the metal panel onto the Helios unit. If you have a basic unit with keypad, remove the mask with buttons (4 screws). Keep these parts in case you want to remove the vandal resistant panel, or for the event of any complaints and return of the product.</p>		
<p>Mounting the mask: fit the vandal resistant mask and screw it in place with the safety screws provided. A special key or attachment is provided without which the screws cannot be loosened. Keep this tool safe! Do not throw this away even if it is superfluous to you as it could be misused. At the configuration of multiple modules process from the left (base unit) right (extension modules).</p>		
<p>WARNING! There is an aperture of roughly 0.5 mm between the façade and the mask for evening out any unevenness in the façade. If there is any greater unevenness in the façade where the mask is positioned, this unevenness must be ground down. Otherwise the buttons may not work properly.</p>		
<p>There is a flexible seal around the outside of the mask to guard against water. If you wish to fill in the aperture between the mask and the façade even more in order to avoid the accumulation of dirt, you must then count on greater difficulty when changing the nameplates. Always leave the lower edge free to allow any water to drain off.</p>		