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01.10.2020

**OKW**  
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## SMART-PANEL S84 / E155

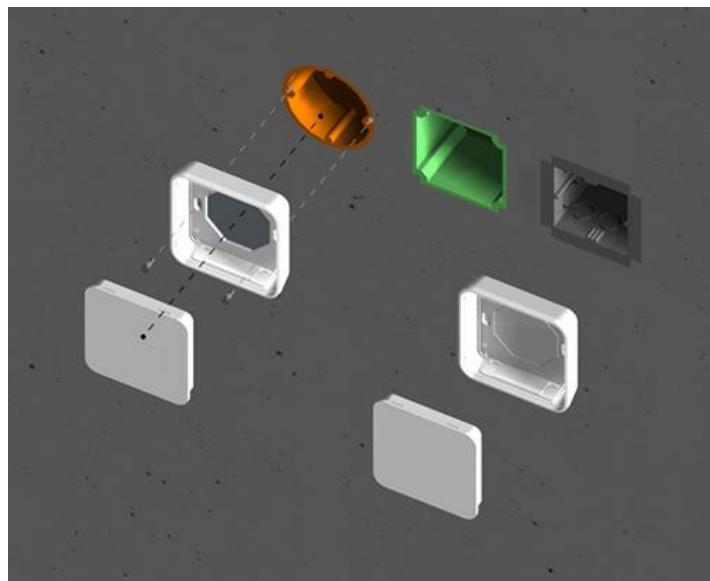
### Elegant wall-mounted enclosure for modern control consoles

Intelligent systems for the convenient control and monitoring of the entire building technology can be integrated in the SMART-PANEL enclosure range. The elegant appearance fits seamlessly into modern residential/commercial and industrial environments. The new wall-mounted enclosures allow quick and efficient installation of equipment on site with an extensive range of accessories.



The SMART-PANEL is available from stock in 2 sizes:

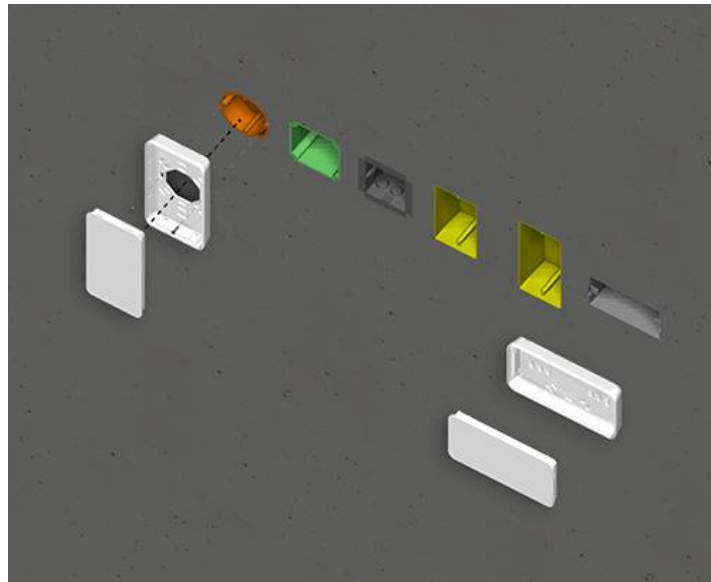
- **Square version S84 with 84 x 84 mm**  
Prepared for concealed installation on standard flush-mounted/cavity wall boxes, e.g. for Germany, Belgium, Switzerland, Austria and many more countries, with a max. installation opening of 61 mm



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- **Rectangular version E155 with 155 x 84 mm** (height x width)  
Prepared for concealed installation on simple flush-mounted boxes (D, B, CH, AU up to a max. installation opening of 61 mm), double flush-mounted boxes as well as larger installation boxes (e.g. in Italy, GB and USA) up to a max. height of 145 mm and width of 74 mm.



The SMART-PANEL has been given an exciting look - the bottom part is highly polished and the top part has a fine surface structure, each manufactured in the colour traffic white (RAL 9016) from high-quality ASA+PC-FR (UL 94 V-0). Other colours/materials according to customer specifications available on request (from 200 pieces).

The top and bottom parts are assembled by means of a snap-in function without screws. This is a major advantage for subsequent follow-up activities. The bottom part is screwed onto the wall or the flush-fitting box during installation. The bottom part requires a recess for a cable connection (a pre-formed recess provides assistance here). The cables then only need to be connected to the electronics and then the entire top part snaps in securely to the bottom part.

The installation parts can be mounted on the integrated fastening pillars in the top part. The range of accessories also includes a hardboard plate which can be plugged onto 4 additional pillars to protect the underlying electronics from damage during installation/service. For more security it is possible to hot-caulk or glue the phenolic resin hardboard plate to the push-on pillars.

The SMART-PANEL has a flat, recessed surface for USB and Mini-USB connectors etc. To open the enclosures easily and practically, we recommend that you use the opening tool set, which is available as an accessory.

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The 1.2 mm recessed operating area on the top surface serves to protect a membrane keyboard, display/control elements and touch displays. The range of accessories includes a glass pane which can be glued into the recess to fit exactly. Printing on the rear is possible on request, to match the visible display section and to cover the adhesive surface.

Protection class IP40 is absolutely sufficient for indoor applications in the low-voltage range, e.g. for use as wired control/operating centres (with KNX) or wireless network devices in SMART-HOME applications, the Industrial Internet of Things (IIoT), access control, monitoring devices and much more. However, the SMART-PANEL can also be used in many other fields: for data acquisition systems, computer peripherals, in measurement and control technology, medical technology and health care.

For non-slip desktop applications, 4 self-adhesive rubber feet are available in the accessories range of the enclosures.

As you would expect from OKW, a wide range of modifications to the SMART-PANEL can be implemented on request in accordance with individual customer requirements, e.g. cutouts for operating / display elements and interfaces, printing, labelling, EMC aluminium vapour plating, special colours / materials, decor foils and assembly work.

SMART-PANEL					
Part No.	Designation	Size	Supply	L x W x H	Material
C 64 02 107	SMART-PANEL	S84	1x top and bottom parts	84 x 84 x 21,3 mm	ASA+PC-FR (UL 94 V-0) RAL 9016 (traffic white)
C 64 06 107	SMART-PANEL	E155	1x top and bottom parts	155 x 84 x 21,3 mm	ASA+PC-FR (UL 94 V-0) RAL 9016 (traffic white)
SMART-PANEL ACCESSORIES					
Part No.	Article	...for size	Supply / application		
C 65 02 010	Opening tool set	S84 and E155	1 pair of opening tools. To open the enclosures easily and practically		
C 65 02 011	Hardboard plate	S84	1x phenolic resin hardboard plate serves to cover/protect the electronic components in the top part		
C 65 02 012	Adhesive foil	S84	1x adhesive foil for safe mounting of the glass pane		
C 65 02 013	Glass pane	S84	1x glass pane for high-quality applications, e.g. when using displays etc.		
C 65 06 011	Hardboard plate	E155	1x phenolic resin hardboard plate serves to cover/protect the electronic components in the top part		
C 65 06 012	Adhesive foil	E155	1x adhesive foil for safe mounting of the glass pane		
C 65 06 013	Glass pane	E155	1x glass pane for high-quality applications, e.g. when using displays etc.		
A 92 10 180	Non-slip feet	S84 and E155	1 pairs of non-slip feet. For non-slip desktop applications,		