



YOUR ADVANTAGE

- Robust cases made of impact resistant material.
- Plenty of space for operating elements and displays.
- Large, recessed area on the front side for the installation and protection of interfaces, screwed cable glands, plug-in connections etc.
- Capacity for emergency stop switch.
- Ergonomic design of the bottom part for a firm, secure hold during operation.
- Case with closed top part for individual processing or with frame cover for front panel insert.
- In both versions, the control panel is recessed to protect the display and operating elements.
- Available without or with battery operation. Three battery compartments to choose from: 4 x 1.5 V (AA), 1 or 2 x 9 V (PP3).

STANDARD COLOURS

Off-white, RAL 9002.
Black, RAL 9005.
Fine textured surface.

MATERIAL

Blend ABS/PC (UL 94 V-0).
For plastic properties, visit us in the Internet or refer to our general catalogue of cases, from page 229.



MOBILE, SECURE GRIP, LOTS OF SPACE, PROTECTED UP TO IP 65.

The special OKW case system for decentralised electronics components.

There is plenty of space in the new HAND-TERMINAL for operating elements, graphic displays and the electronic components.

Technical details in the design of the unit guarantee easy everyday working:

- ergonomic design for fatigue-free handling
- wide battery compartment lid for a secure grip during operation and handling
- battery compartment included in the holding area for optimum weight distribution and independence from mains power

APPLICATIONS

Ideally suited for rough conditions and all applications calling for a sturdy hand-held case.

For example, flexible machine control systems in production and assembly.

Or mobile terminals for teach-in applications in robotics.

But classical applications in electrical engineering and electronics are also possible, e.g. mobile data acquisition, environmental technology, laboratory, measuring and control engineering etc.

PROTECTION CLASS IP 65

In conjunction with the sealing sets available as accessories (case, front panel).

EMC

On request, the cases are also available with an aluminium metallization. The top and bottom parts make contact via bridges and have a sufficient overlapping range. This means that expensive, conductive seals are not required in most applications. The use of the seals that are available as accessories thus guarantee the IP 65 class of protection, even in shielded state.

SERVICE-CENTER

See page 15.

HAND-TERMINAL M

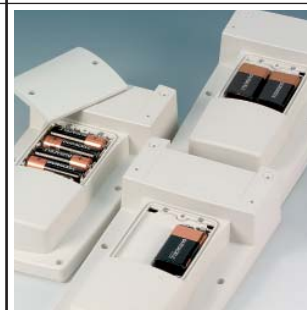


DESIGN

Robust, three-part case, consisting of a bottom part with battery compartment lid and a top part. Available either as a closed version or with a frame cover for the use of an aluminium front panel (acc.). Front panel installation from the rear. Screw pillars for mounting PCBs in the bottom and top parts. Battery compartment for 4 x 1.5 V AA batteries or 1 or 2 x 9 V flat batteries available as accessory.

ASSEMBLY

The top and bottom parts are connected by means of 6 self-tapping screws, and the battery compartment cover is fixed with 2 M3 threaded screws.



VERSION I

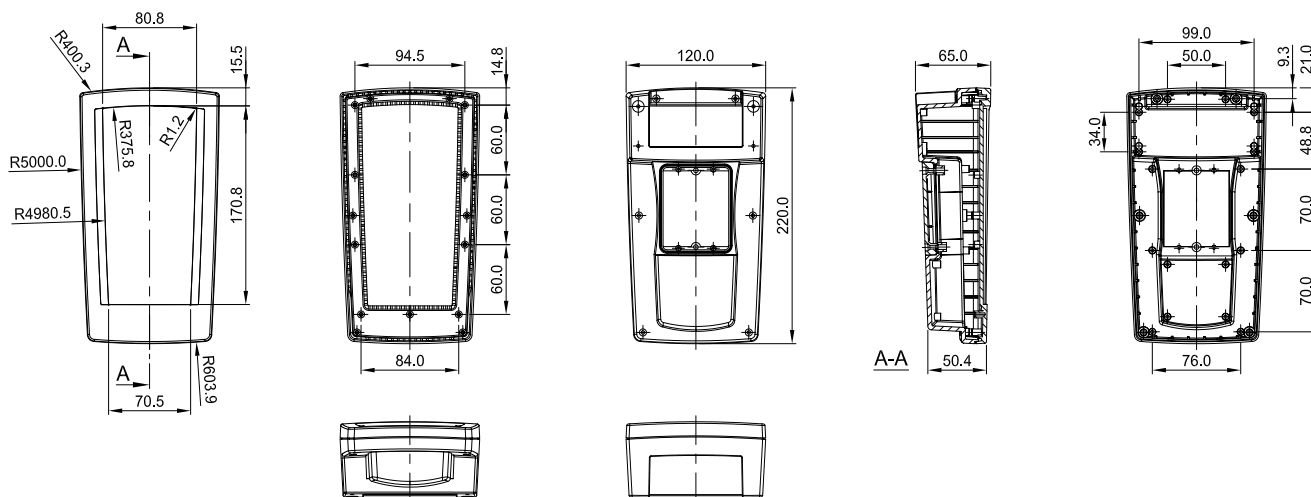
With closed operating area.

VERSION II

With frame cover for inserting an aluminium front panel (accessory). Visible cutout for front panel corresponds to recessed operating area of membrane keyboard.

Detailed drawing available on demand in dwg, dxf or pdf format.

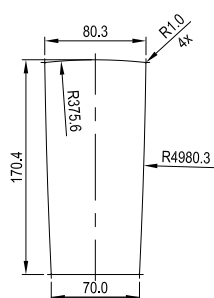
= Type of screw for case fixing: cross head



Max. size of PCB: drawing on demand

Z (PZ1)

Max. dim. for the membrane keyboard:



CASE		Version		Supply	Part-No.	
Outside dim. in mm					off-white	black
L	W	H				
220	120	65	I	1 top and 1 bottom part, 1 battery compartment lid,	A 90 46 107	A 90 46 109
220	120	65	II	1 assembly kit incl. screws for the PCB + rubber feet*	A 90 46 207	A 90 46 209
ACCESSORIES						
Article	Version / Application					
Front panel	anodized aluminium, 2mm thick, for case version II, 1 front panel					
Sealing kit	for the case, for sealing up to IP 65					
Sealing	for the front panel, for sealing up to IP 65					
Battery spacer	PE foam with one-sided adhesive coating, to secure all battery types					
				for 1 x 9 V (PP3) flat battery	for 2 x 9 V (PP3) flat batteries	for 4 x 1.5 V (AA) mignon cells
Battery compartment	ABS off-white			A 91 74 003	A 91 74 002	A 91 74 004
Set of battery clips**	tin plated			A 91 74 006	A 91 61 002	A 91 61 001

*Version II additionally with assembly kit for mounting the front panel.
**Optional plug-in contact A 91 60 003 for 1 x 9 V flat battery (PP3) available.