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SMART-CASES

YOUR ADVANTAGE

- Convincing ergonomics; unique design.
- Ideal for remote controls, with cables or with battery compartment.
- Cable strain relief for size L for cables with cross section 3.4 - 5.9 mm. Cable strain relief already included.
- Optional in material permeable to infra-red signals from stock. Bottom in PMMA (plexiglass®), top part in Polystyrene. For utmost efficiency the front face is polished.
- Recessed operating area to protect the membrane keyboard (L/M).
- Practical belt / pocket clip (size L/M), please refer to page 18 for part-no.

STANDARD COLOURS

Off-white, RAL 9002.
Black, RAL 9005.
Fine textured surface. Please refer to colour chart on page 214.

MATERIAL

High-impact Polystyrene (UL 94 HB) or PMMA (plexiglass®) permeable to infra-red signals. Please refer to the specifications on pages 215-217.








ERGONOMIC AND SMART

This new case design is extremely convincing with its unique contoured profile, which fits comfortably in the hand for ease of use.

The SMART-CASES are available in 3 sizes.

Ideally suited for rubber keyboards and press buttons, SMART-CASE L and M can also be used together with membrane keyboards.

APPLICATIONS

Remote controls of all types, wireless or with cable connection. Especially suitable for use in hospitals and social fields as well as in industry and households.



Signal transmitter with a set of keys.

MODIFICATIONS AS PER CUSTOMER'S REQUIREMENTS

Machining on modern CNC-controlled machines. Lacquering. Silk screen and tampo printing.
See pages 210-213.

DESIGN

Miniature case composed of 2 parts. Top and base part are assembled by 1 screw. With location bar for a keyring. Space for a 12 V round cell and small round cells (similar to watch batteries).

SUPPLY

1 base and 1 top part with 1 self-tapping screw.

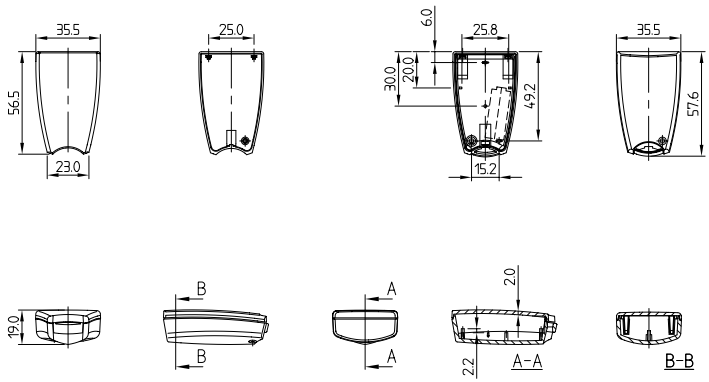




PROTECTION CLASS IP 40

Detailed drawing available on demand in dwg or dxf format.

= Type of screw for case fixing: cross head



Max. size of PCB: drawing available on demand

H (PH1)

MODIFICATIONS AS PER CUSTOMER'S REQUIREMENTS

See pages 210-213.

CASE

Outside dimensions in mm L	W	H	Colour	Material	Part-No.
57,6	35,5	19	off-white	Polystyrene	A 90 64 107
57,6	35,5	19	black	Polystyrene	A 90 64 109
57,6	35,5	19	black	PMMA (plexiglass®)	A 90 64 209

ACCESSORIES

Article	Version	
Keyring	nickel-plated, ø 20.5 mm	A 91 64 001

SMART-CASE M





DESIGN

Ergonomic case composed of two parts. Location at the front along with a screw in the center of the case. Integrated supports for two 1.5 V micro cells (AAA).

SUPPLY

1 base and 1 top part with 1 self-tapping screw.

PROTECTION CLASS IP 41

VERSION I

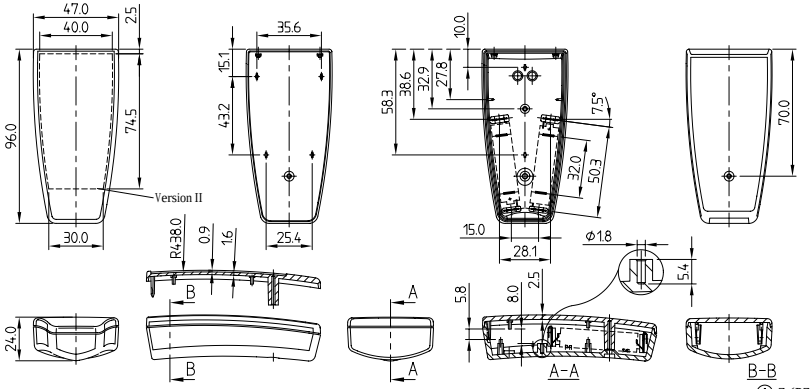
Case-top without recessed operating area.

VERSION II

NEW: Case-top with recessed operating area.

Detailed drawing available on demand in dwg or dxf format.

= Type of screw for case fixing: cross head



Max. size of PCB: drawing available on demand

Z (PZ1)

Part-No. Version I	Part-No. Version II	CASE Outside dimensions in mm L	W	H	Colour	Material
A 90 66 107	A 90 66 117	96	47	24	off-white, RAL 9002	Polystyrene (UL 94 HB)
A 90 66 109	A 90 66 119	96	47	24	black, RAL 9005	Polystyrene (UL 94 HB)
A 90 66 209	A 90 66 219	96	47	24	black, RAL 9005	PMMA (plexiglass®)

ACCESSORIES Article	Version
A 91 66 001	Set of battery clips — tin plated, for two 1.5 V micro cells (AAA)

Description and references for Belt/Pocket clip see page 18.

MODIFICATIONS AS PER CUSTOMER'S REQUIREMENTS

See pages 210-213.

DESIGN

Large, ergonomic hand-held box. Solid design. With recessed operating area, e.g. for membrane keyboards. Comprising three parts and externally accessible battery compartment for two 1.5 V mignon cells (AA) or a 9 V flat battery. Additional versions with cable strain relief. PCBs can be fixed in the top and base part. Sealing kit available as accessory.

SUPPLY

Case-top and base, assembly kit.
Battery compartment lid and cable strain relief is already included in the supply for the corresponding version.





VERSION I

With battery compartment.

VERSION II

Without battery compartment. Sealed up to IP 65.

VERSION III

Without battery comp. Base with cutout for cable strain relief, suitable for round cables ø 5.0 - 5.9 mm. IP 65 with sealing (acc.), tested with cable ø 5.8 mm.

VERSION IV

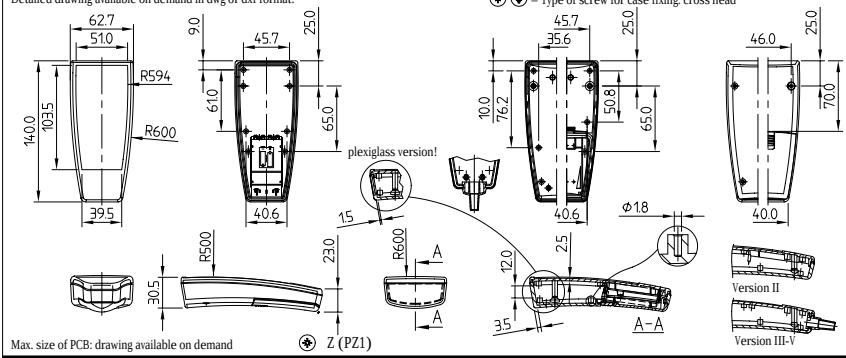
Without battery comp. Base with cutout for cable strain relief, suitable for round cables ø 4.2 - 5.0 mm.

VERSION V

Without battery comp. Base with cutout for cable strain relief, suitable for round cables ø 3.4 - 4.2 mm.

Detailed drawing available on demand in dwg or dxf format.

= Type of screw for case fixing: cross head



Max. size of PCB: drawing available on demand

Z (PZ1)

CASE

Outside dimensions in mm L	W	H	Colour	Material	Part-No. Version I	Version II
140	62,7	30,5	off-white	Polystyrene (UL 94 HB)	A 90 67 107	A 90 67 117
140	62,7	30,5	black	Polystyrene (UL 94 HB)	A 90 67 109	A 90 67 119
140	62,7	30,5	black	base PMMA, top Polystyrene (UL 94 HB)	A 90 67 209	–

					Version III	Version IV	Version V
140	62,7	30,5	off-white	Polystyrene (UL 94 HB)	A 90 67 127	A 90 67 137	A 90 67 147
140	62,7	30,5	black	Polystyrene(UL 94 HB)	A 90 67 129	A 90 67 139	A 90 67 149

ACCESSORIES

Article	Version	
Set of battery clips	tin plated, for two 1.5 V mignon cells (AA)	A 91 90 002
Plug-in contact	for 1 x 9 V flat battery (PP3)	A 91 60 003
Sealing kit	for versions II-V, for a higher protection class	A 91 67 002

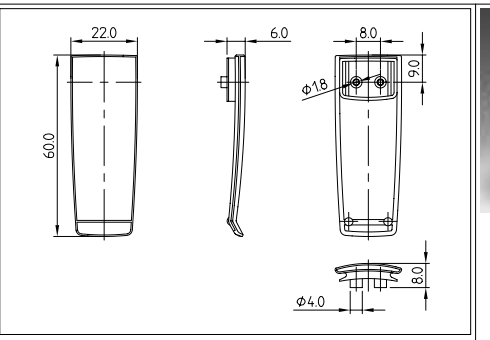
MODIFICATIONS AS PER CUSTOMER'S REQUIREMENTS

See pages 210-213.

BELT/ POCKET CLIP

Special clip for Smart-Case M and L. The versions are already provided with premoulded center holes which can be drilled or punched in order to fit the clip.

Supply:
1 belt / pocket clip.
2 fixing screws ø 2.2 x 6 mm.





Part-No.	Article / Colour
A 91 67 017	Belt / Pocket clip, off-white RAL 9002
A 91 67 019	Belt / Pocket clip, black RAL 9005