Multifunction electronic enclosures

Highly innovative modular plastic enclosures system which can be configured to meet all the requirements of today’s man-machine interfaces.

- aesthetic and ergonomic design
- uniquely, the operator can decide to use the electronics as a mobile or as a stationary unit
- plenty of space for operating elements, graphic displays and touch screens (S: 6.4"/16 cm, M: 8.4"/21 cm, L: 10.4"/26 cm)
- available with either flat or high bottom part for individual installation configurations, interfaces, cable inputs and outputs etc.
- optional front panel styles: ABS cover and flat panel, aluminum front panel and glass panel for touch screens
- installation of tablets on demand
- protection class IP 54 with sealing gaskets (accessory)
- internal fastening pillars for PCBs and components
- ordered as individual components for multiple configurations:
  - mobile (1)
    - with/without battery compartment (5 x AA), accessible from the outside, incl. protection against incorrect insertion as well as anti-rotation device; user-friendly design with attractive flat styling in the handle area; finger recesses on the underside ensure a secure grip
  - enclosures with base or flat wall suspension element (2)
    - for data transmission and charging the enclosure snaps into base or flat wall suspension element; contacts available as accessories; operating panel can be mounted either vertically or horizontally; the ergonomically inclined base offers plenty of space for electronics
  - desk-top screwed (3)
    - operating panel inclined by 20° whether vertically or horizontally mounted; hidden screw fixing; the ergonomically inclined base offers plenty of space for connectors and cable glands; rubber feet supplied with the case ensures non-slip desktop positioning
  - desk-top/wall mounting, secured by latch lock (4)
    - unique interface between a stationary and a mobile component; simplified assembly by snap-in interfaces; the ergonomically inclined base offers plenty of space for plug connectors, electronics as well as wiring; base freely accessible; direct wall mounting of the base; mobile unit can be mounted either vertically or horizontally
  - installation enclosures (5)
    - if the architectural standards are particularly high, i.e. in historically buildings, INTERFACE-TERMINAL enclosures can also be harmoniously integrated in walls or front panels; installation in plant and machinery is also possible; easy wall installation with installation assembly kit
Applications and Examples

Unique variety of applications: handheld – desk-top – wall mounted – installation

- Peripheral and interface equipment
- Office applications
- Communications technology
- Safety engineering
- Biometrics
- Medical and laboratory technology
- Health care
- IoT/IIoT
- Gateways
- Automation
- Measuring/regulating/controlling

Device for bioelectrical patient analysis
Terminal for personnel time recording
Wireless data logger
What do you still need for your own very personal product? We can supply enclosures and tuning knobs with all necessary modifications for fitting your electronic components.

Customizing options for Interface-Terminal

- Machining
- Lacquering
- Printing / Laser marking
- Decor foils
- Special material
- RFI/EMI shielding
- Installation / Assembly of accessories

Select Versions

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Dimensions</th>
<th>Material</th>
<th>Color</th>
<th>IP Protection</th>
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<tbody>
<tr>
<td>B4042707</td>
<td>Bottom part S flat, version I</td>
<td>7.48&quot;x5.31&quot;x0.96&quot;</td>
<td>ABS (UL 94 HB)</td>
<td>off-white RAL 9002</td>
<td>IP 54 opt.</td>
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<td>IP 54 opt.</td>
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## INTERFACE-TERMIONAL

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<tr>
<th>Part Number</th>
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<th>Dimensions</th>
<th>Compatibility</th>
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<td>7.20&quot;x7.20&quot;x3.15&quot;</td>
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### System components to complete

- B4042407 Cover S
- B4042827 Base S - desk-top - ABS (UL 94 HB)
- B4042837 Base S - charging station, case deposit mobile ABS (UL 94 HB)
- B4042847 Base S - desk-top/wall - ABS (UL 94 HB)
- B4044407 Cover M
- B4044827 Base M - desk-top - ABS (UL 94 HB)
- B4044837 Base M - charging station, case deposit mobile ABS (UL 94 HB)
- B4044847 Base M - desk-top/wall - ABS (UL 94 HB)
- B4046407 Cover L
- B4046427 Cover L, for iPad Air
- B4046827 Base L - desk-top - ABS (UL 94 HB)
- B4046837 Base L - charging station, case deposit mobile ABS (UL 94 HB)
INTERFACE-TERMINAL

B4046847
Base L - desk-top/wall -
ABS (UL 94 HB)
off-white RAL 9002
7.20"x7.20"x2.87"

B4142047
Battery compartment and lid S, 5
x AA
ABS (UL 94 HB)
off-white RAL 9002

B414206
Front panel S
Aluminum
matt anodized
7.34"x5.18"x0.08"

B4142107
Front panel S
ABS (UL 94 HB)
off-white RAL 9002
7.50"x5.34"x0.57"

B4142167
Bottom panel with handle recess
S
ABS (UL 94 HB)
off-white RAL 9002

B4142203
Glass panel S
Glass
clear
7.50"x5.34"x0.66"

B4142247
Wall suspension element S
ABS (UL 94 HB)
off-white RAL 9002

B4142257
Bottom panel with snap-in strips
S
ABS (UL 94 HB)
off-white RAL 9002

B4142587
Installation assembly kit S, flat
ABS (UL 94 HB)
off-white RAL 9002
9.21"x7.28"

B4142597
Installation assembly kit S, high
ABS (UL 94 HB)
off-white RAL 9002
9.21"x7.28"

B4144047
Battery compartment and lid M,
5 x AA
ABS (UL 94 HB)
off-white RAL 9002

B4144106
Front panel M
Aluminum
matt anodized
8.72"x6.36"x0.08"

B4144107
Front panel M
ABS (UL 94 HB)
off-white RAL 9002
8.88"x6.52"x0.61"

B4144167
Bottom panel with handle recess
M
ABS (UL 94 HB)
off-white RAL 9002

B4144203
Glass panel M
Glass
clear
8.88"x6.52"x0.70"

B4144247
Wall suspension element M
ABS (UL 94 HB)
off-white RAL 9002
INTERFACE-TERMINAL

B4144257  Bottom panel with snap-in strips  M  ABS (UL 94 HB)  off-white RAL 9002
B4144587  Installation assembly kit M, flat  ABS (UL 94 HB)  off-white RAL 9002  10.71"x8.58"
B4144597  Installation assembly kit M, high  ABS (UL 94 HB)  off-white RAL 9002  10.71"x8.58"
B4146047  Battery compartment and lid L, 5 x AA  ABS (UL 94 HB)  off-white RAL 9002

B4146106  Front panel L  Aluminum  matt anodized  10.69"x7.54"x0.08"
B4146107  Front panel L  ABS (UL 94 HB)  off-white RAL 9002  10.85"x7.70"x0.61"
B4146126  Front panel L, for iPad Air  Aluminum  matt anodized  10.84"x7.69"x0.16"
B4146167  Bottom panel with handle recess  L  ABS (UL 94 HB)  off-white RAL 9002

B4146203  Glass panel L  Glass  clear  10.85"x7.70"x0.70"
B4146247  Wall suspension element L  ABS (UL 94 HB)  off-white RAL 9002
B4146257  Bottom panel with snap-in strips  L  ABS (UL 94 HB)  off-white RAL 9002
B4146587  Installation assembly kit L, flat  ABS (UL 94 HB)  off-white RAL 9002  12.80"x9.88"

B4146597  Installation assembly kit L, high  ABS (UL 94 HB)  off-white RAL 9002  12.80"x9.88"
INTERFACE-TERMINAL

Accessory "protection"

B4142005
Sealing S (bottom part - front design)
SEBS (TPE)

B4142006
Sealing S (bottom part - base/bot. panel/bat. comp...)
SEBS (TPE)

B4144005
Sealing M (bottom part - front design)
SEBS (TPE)

B4144006
Sealing M (bottom part - base/bot. panel/bat. comp...)
SEBS (TPE)

B4146005
Sealing L (bottom part - front design)
SEBS (TPE)

B4146006
Sealing L (bottom part - base/bot. panel/bat. comp...)
SEBS (TPE)

Accessory

A9178007
Contacts, male gold-plated

A9178008
Contacts, female gold-plated

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