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
Self-monitoring emergency call system
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

- **B4042707** Bottom part S flat, version I
  - ABS (UL 94 HB)
  - off-white RAL 9002
  - 7.48”x5.31”x0.96”
  - IP 54 opt.

- **B4042717** Bottom part S flat, version II
  - ABS (UL 94 HB)
  - off-white RAL 9002
  - 7.48”x5.31”x0.96”
  - IP 54 opt.

- **B4042757** Bottom part S high, version I
  - ABS (UL 94 HB)
  - off-white RAL 9002
  - 7.48”x5.31”x1.36”
  - IP 54 opt.

- **B4042767** Bottom part S high, version II
  - ABS (UL 94 HB)
  - off-white RAL 9002
  - 7.48”x5.31”x1.36”
  - IP 54 opt.

- **B4044707** Bottom part M flat, version I
  - ABS (UL 94 HB)
  - off-white RAL 9002
  - 8.86”x6.50”x1.00”
  - IP 54 opt.

- **B4044717** Bottom part M flat, version II
  - ABS (UL 94 HB)
  - off-white RAL 9002
  - 8.86”x6.50”x1.00”
  - IP 54 opt.

- **B4044757** Bottom part M high, version I
  - ABS (UL 94 HB)
  - off-white RAL 9002
  - 8.86”x6.50”x1.40”
  - IP 54 opt.

- **B4044767** Bottom part M high, version II
  - ABS (UL 94 HB)
  - off-white RAL 9002
  - 8.86”x6.50”x1.40”
  - IP 54 opt.
INTERFACE-TERMINAL

System components to complete

B4046707  
Cover part L flat, version I  
ABS (UL 94 HB)  
off-white RAL 9002  
10.83"x7.68"x1.04"  
IP 54 opt.

B4046717  
Cover part L flat, version II  
ABS (UL 94 HB)  
off-white RAL 9002  
10.83"x7.68"x1.04"  
IP 54 opt.

B4046757  
Cover part L high, version I  
ABS (UL 94 HB)  
off-white RAL 9002  
10.83"x7.68"x1.44"  
IP 54 opt.

B4046767  
Cover part L high, version II  
ABS (UL 94 HB)  
off-white RAL 9002  
10.83"x7.68"x1.44"  
IP 54 opt.

B4042407  
Cover S  
ABS (UL 94 HB)  
off-white RAL 9002  
7.48"x5.31"x0.55"

B4042827  
Base S - desk-top  
ABS (UL 94 HB)  
off-white RAL 9002  
4.84"x4.84"x2.09"

B4042837  
Base S - charging station, case deposit mobile  
ABS (UL 94 HB)  
off-white RAL 9002  
4.84"x4.84"x2.36"

B4044407  
Cover M  
ABS (UL 94 HB)  
off-white RAL 9002  
8.86"x6.50"x0.55"

B4044827  
Base M - desk-top  
ABS (UL 94 HB)  
off-white RAL 9002  
6.02"x6.02"x2.48"

B4044837  
Base M - charging station, case deposit mobile  
ABS (UL 94 HB)  
off-white RAL 9002  
6.02"x6.02"x2.76"

B4046407  
Cover L  
ABS (UL 94 HB)  
off-white RAL 9002  
10.83"x7.68"x1.00"

B4046427  
Cover L, for iPad Air  
ABS (UL 94 HB)  
off-white RAL 9002  
10.83"x7.68"x1.00"

B4046827  
Base L - desk-top  
ABS (UL 94 HB)  
off-white RAL 9002  
7.20"x7.20"x2.87"

B4046837  
Base L - charging station, case deposit mobile  
ABS (UL 94 HB)  
off-white RAL 9002  
7.20"x7.20"x3.15"
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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