



**HESTORE.HU**

elektronikai alkatrész áruház

**EN:** This Datasheet is presented by the manufacturer.

Please visit our website for pricing and availability at [www.hestore.hu](http://www.hestore.hu).



## THE PRODUCT

The idea of giving greater expression to ergonomic requirements was the starting point of the development of the SMART-CASE.

And so the design follows the touch sensation of the human being, thus facilitating natural sequences of hand movements.

Benefit from the outstanding balance between design and technical sophistication.

## YOUR ADVANTAGE

Convincing ergonomics; unique design.

Ideal for remote controls, with cables or with battery compartment.

Cable glands for sizes M, L and XL for cables  $\varnothing$  3.4 - 5.9 mm. Cable gland already included (TPE, standard colour volcano, NCS S 5502-G).

Optionally in material permeable to infra-red signals from stock. For utmost efficiency the front face is polished.

Recessed operating area to protect the membrane keyboard (M/L/XL).

Fastening pillars and fixing supports for PCBs and components.

## 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.

## PROTECTION CLASS IP 65

With sealing (accessories) sizes L and XL versions without battery compartment.

## MAX. SIZE OF PCB

| SMART-CASE | L x W/W <sub>2</sub> in mm |                            |
|------------|----------------------------|----------------------------|
|            | base part                  | top part                   |
| XS         | 46 x 29/18                 | —                          |
| M          | 58 x 38/30                 | 63 x 40/31                 |
| L          | 88 x 50/42                 | 117 x 51/37                |
| XL         | 127 x 60/50                | 78 x 60/56 +<br>50 x 55/47 |

(cutouts of pillars and battery compartment not taken into consideration)



Off-white, RAL 9002   
Black, RAL 9005



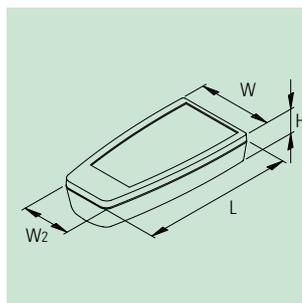
XS



M



L/XL

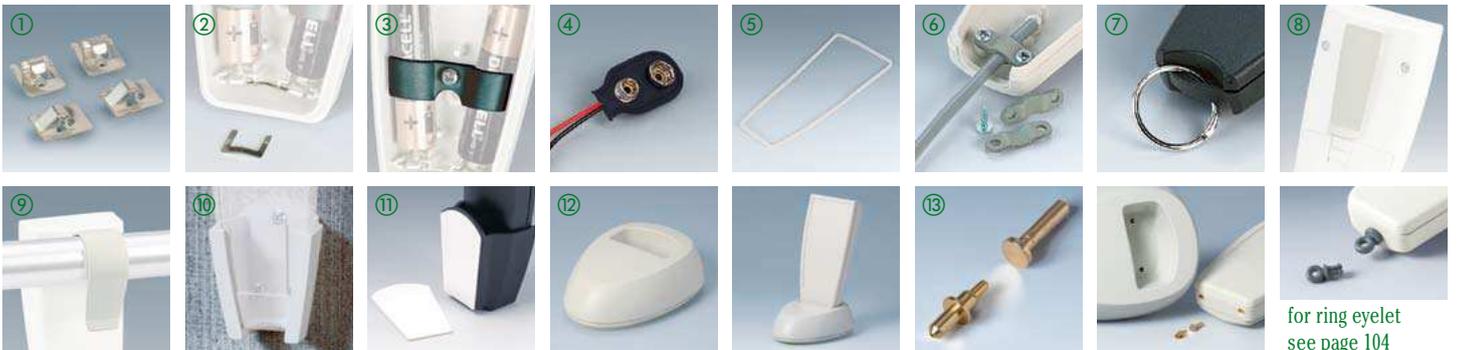


## ENCLOSURES

| SMART-CASE | Outside dim. in mm |      |      | Version / Equipment (dim. in mm) |                  |                   | ABS (UL 94 HB) off-white | Part-No.             |                            |             |
|------------|--------------------|------|------|----------------------------------|------------------|-------------------|--------------------------|----------------------|----------------------------|-------------|
|            | L                  | W    | H    | battery comp.                    | cable gland ø    | max. dim. keypad  |                          | ABS (UL 94 HB) black | PMMA (plexiglass®) black*1 |             |
| XS         | 58                 | 35,6 | 19   | –                                | –                | –                 | without recessed area    | A 90 64 107          | A 90 64 109                | A 90 64 209 |
| M          | 96                 | 47   | 24   | I                                | 2 x AAA          | –                 | without recessed area    | A 90 66 107          | A 90 66 109                | A 90 66 209 |
|            | 96                 | 47   | 24   | II                               | 2 x AAA          | –                 | 74.60 x 39.85            | A 90 66 117          | A 90 66 119                | A 90 66 219 |
|            | 96                 | 47   | 24   | III                              | –                | approx. 5.0 - 5.9 | 74.60 x 39.85            | A 90 66 127          | A 90 66 129                | –           |
|            | 96                 | 47   | 24   | IV                               | –                | approx. 4.2 - 5.0 | 74.60 x 39.85            | A 90 66 137          | A 90 66 139                | –           |
|            | 96                 | 47   | 24   | V                                | –                | approx. 3.4 - 4.2 | 74.60 x 39.85            | A 90 66 147          | A 90 66 149                | –           |
| L          | 140                | 62.7 | 30.5 | I                                | 2 x AA / 1 x 9 V | –                 | 103.95 x 50.95           | A 90 67 107          | A 90 67 109                | A 90 67 209 |
|            | 140                | 62.7 | 30.5 | II                               | –                | –                 | 103.95 x 50.95           | A 90 67 117          | A 90 67 119                | A 90 67 219 |
|            | 140                | 62.7 | 30.5 | III                              | –                | approx. 5.0 - 5.9 | 103.95 x 50.95           | A 90 67 127          | A 90 67 129                | –           |
|            | 140                | 62.7 | 30.5 | IV                               | –                | approx. 4.2 - 5.0 | 103.95 x 50.95           | A 90 67 137          | A 90 67 139                | –           |
|            | 140                | 62.7 | 30.5 | V                                | –                | approx. 3.4 - 4.2 | 103.95 x 50.95           | A 90 67 147          | A 90 67 149                | –           |
| XL         | 168                | 74.4 | 35.4 | I                                | 2 x AA / 1 x 9 V | –                 | 110.60 x 61.05           | A 90 68 107          | A 90 68 109                | A 90 68 209 |
|            | 168                | 74.4 | 35.4 | II                               | –                | –                 | 110.60 x 61.05           | A 90 68 117          | A 90 68 119                | A 90 68 219 |
|            | 168                | 74.4 | 35.4 | III                              | –                | approx. 5.0 - 5.9 | 110.60 x 61.05           | A 90 68 127          | A 90 68 129                | –           |
|            | 168                | 74.4 | 35.4 | IV                               | –                | approx. 4.2 - 5.0 | 110.60 x 61.05           | A 90 68 137          | A 90 68 139                | –           |
|            | 168                | 74.4 | 35.4 | V                                | –                | approx. 3.4 - 4.2 | 110.60 x 61.05           | A 90 68 147          | A 90 68 149                | –           |

## ACCESSORIES

| Article                           | For enclosure SMART-CASE | Version / Application   | Part-No.    |             |
|-----------------------------------|--------------------------|---|-------------|-------------|
| ① Set of battery clips            | M                        | tin-plated, for 2 x 1.5 V micro cells (AAA)                           | A 91 66 001 |             |
|                                   | L, XL                    | tin-plated, for 2 x 1.5 V mignon cells (AA)                           | A 91 90 002 |             |
| ② Battery contact                 | M                        | tin-plated, for a serial connection when using the set of batt. clips | A 91 66 002 |             |
| ③ Battery holder                  | M                        | clamps down securely 2 x AAA  | A 91 66 003 |             |
| ④ Plug-in contact                 | L, XL                    | for one 9 V flat battery (PP3)  | A 91 60 003 |             |
| ⑤ Sealing                         | L                        | for versions II-V, for a higher protection class (IP 65)              | A 91 67 002 |             |
|                                   | XL                       | for versions II-V, for a higher protection class (IP 65)              | A 91 68 002 |             |
| ⑥ Set of strain relief            | M, L, XL & station       | for strain relief of cable connected applications                     | A 91 66 004 |             |
| ⑦ Key ring                        | XS                       | nickel-plated, ø 20.5 mm  | A 91 64 001 |             |
| ⑧ Belt / pocket clip              | M, L, XL                 | PA 6, 2 mounting holes ø 4.2 mm necessary                             | off-white   | A 91 67 017 |
|                                   | M, L, XL                 | up to ø 32 mm, ABS, mounting holes ø 4.2 mm necessary                 | black       | A 91 67 019 |
| ⑨ Holding clamp                   | M                        | ABS, also suitable for cable connected applications                   | A 91 67 027 | A 91 67 029 |
|                                   | L                        | ABS, also suitable for cable connected applications                   | A 91 66 307 | A 91 66 309 |
| ⑩ Holder                          | XL                       | ABS, also suitable for cable connected applications                   | A 91 67 307 | A 91 67 309 |
|                                   | holder M                 | double-sided adhesive foil with foam carrier                          | A 91 68 307 | A 91 68 309 |
| ⑪ Adhesive foil for holder        | holder L                 | double-sided adhesive foil with foam carrier                          | A 91 66 005 |             |
|                                   | holder XL                | double-sided adhesive foil with foam carrier                          | A 91 67 005 |             |
|                                   | holder XL                | double-sided adhesive foil with foam carrier                          | A 91 68 005 |             |
| ⑫ Station                         | M                        | ABS, desk case application (available from December 2009)             | A 91 66 037 | A 91 66 039 |
|                                   | L                        | ABS, desk case application (available from December 2009)             | A 91 67 037 | A 91 67 039 |
|                                   | XL                       | ABS, desk case application (available from January 2010)              | A 91 68 037 | A 91 68 039 |
| ⑬ Contacts (bore holes necessary) | M, L, XL                 | contact pin, female for the case, gold-plated, < 15 A, 1-pole         | A 91 93 030 |             |
|                                   | M, L, XL                 | spring contact, male for the station, gold-plated, < 15 A, 1-pole     | A 91 93 031 |             |



for ring eyelet see page 104

\*1 sizes M, L & XL only the bottom parts made of PMMA, top part is made of ABS (UL 94 HB); cases made of PMMA (plexiglass®) not comparable to cases made of ABS in terms of mechanical load-bearing capacity

**NEW PRODUCT**