

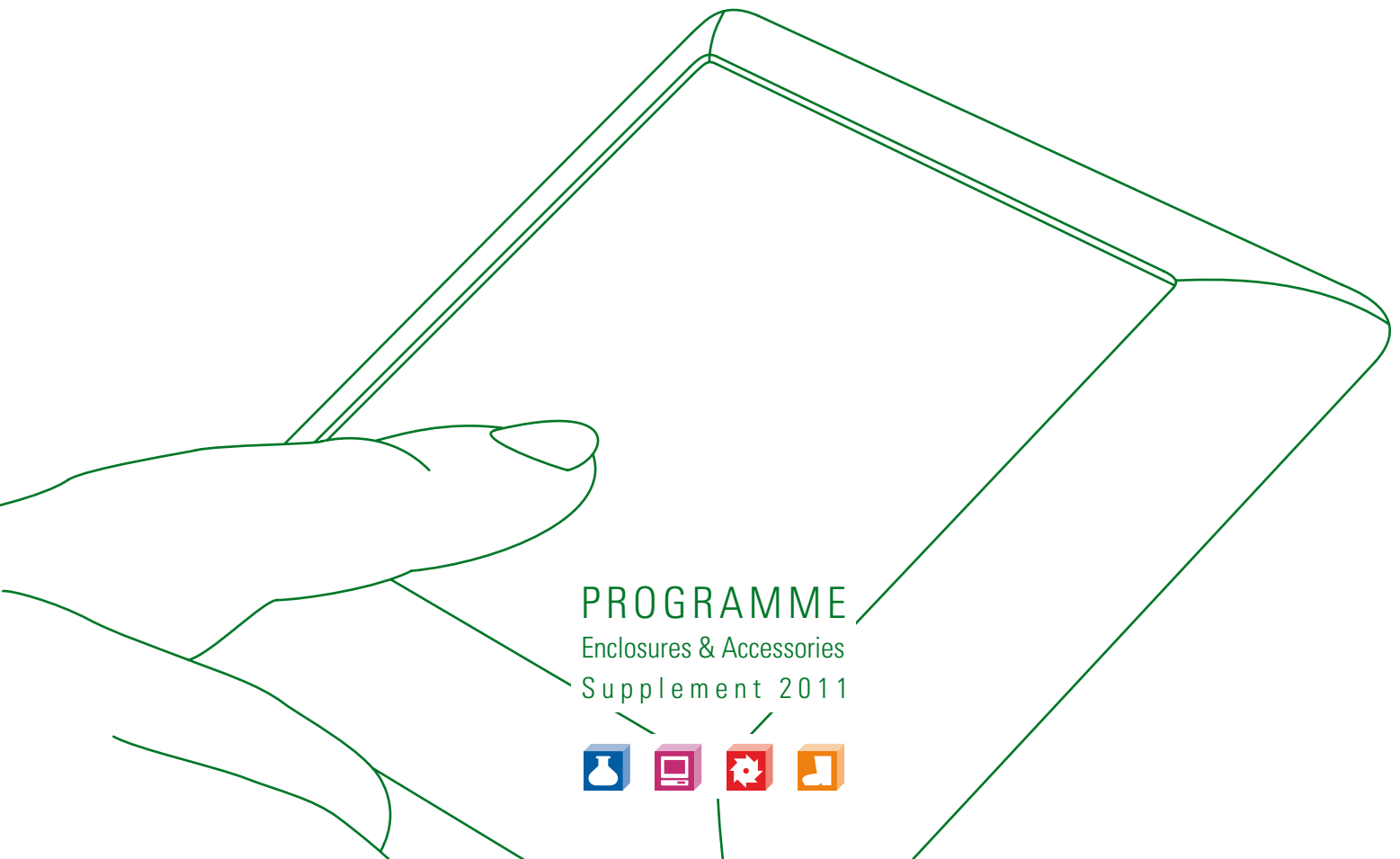
# 11

**OKW**  
GEHÄUSE  
SYSTEME

[www.okw.com](http://www.okw.com)



NEW PRODUCTS



PROGRAMME  
Enclosures & Accessories  
Supplement 2011





## FORWARD-LOOKING

### SYSTEM VARIETY

This range has been continuously extended over the years: for us, innovation is our passion.

If you also want to go with the times, or even better, if you want to be one step ahead, then OKW is just right for you.

In the following we should like to present our product enhancements and innovations, and make suggestions concerning our current services as well as new materials, e.g. BIO plastic.

### Highlights

- INTERFACE-TERMINAL (4-7)
- DIATEC (8-9)
- MINITEC DROP/EDGE (10-11)
- WALLTEC (12)
- SMART-CASE (13)
- ART-CASE (13)



## INDIVIDUAL

### TO MEET YOUR NEEDS

Contribute your own wishes and suggestions and thus create individuality and a personal touch!

Through attractive services tailored to your needs, OKW Gehäusesysteme offers you the means to make your product something special.

Put our flexibility to the test!

### Service

- individual printing
- special surfaces
- company colour
- graphic overlay
- membrane keyboard
- interfaces
- EMC protected
- spec. material properties
- fully assembled
- corporate design
- sales wrapping



## ENVIRONMENT-FRIENDLY



### BIO-PLASTIC

Show that you are responsible and environmentally aware with an enclosure made of BIOGRADE® C 7500.

In many applications BIOGRADE® C 7500 can replace the fossil plastics used up to now. For this reason, OKW Gehäusesysteme also offers numerous standard cases made of this material.

In this way you can help to save fossil raw materials and reduce dependence on petroleum.

### BIOGRADE®

- CO<sub>2</sub>-neutral
- made from renewable raw materials (cotton, wood)
- technically compostable and biologically degradable
- similar properties to ABS
- individual colouring



## STERILE

### ROWACARE

- permanent protection against bacteria, viruses and fungi
- natural prophylaxis
- complies with JIS Z 2801
- with an admixture of only 2 %, a > 99.9 % reduction in germs can be achieved after 5-6 hours
- material properties remain practically unchanged

### ANTIMICROBIAL



Besides use in the medical sector, the antimicrobial materials and products are also ideal for equipment and cases that are used by different persons or are even held in the hand.

The compound used on request by OKW Gehäusesysteme consists of an ASA material in off-white.

# INTERFACE-TERMINAL MOBILE

Order data on pages 14-15



## EXCITING AND VERSATILE



### THE PRODUCT

The growing demand in the field of data visualisation calls for innovative products tailor-made to meet the requirements of today's users.

The new INTERFACE-TERMINAL meets all of the requirements of a modern man-machine interface. Here the user himself decides whether he would like to use the device as a mobile or as a stationary unit.



### APPLICATIONS

Unique variety of applications:  
Mobile – desk-top – wall mounted

Peripheral and interface equipment.  
Office applications. Communications technology.

Safety engineering. Biometrics.

Medical and laboratory technology.  
Health sector.

Automation. Measuring/regulating/  
controlling.

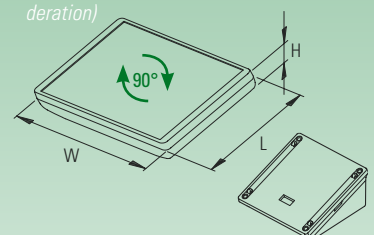
### Protection class IP 54

With sealings (accessories).

### Max. size of PCB (L x W in mm)

|   | bottom    | cover     | station   |
|---|-----------|-----------|-----------|
| S | 124 x 162 | 120 x 176 | 84 x 95   |
| M | 154 x 196 | 150 x 210 | 112 x 126 |
| L | 180 x 257 | 180 x 256 | 143 x 155 |

(cutouts of pillars not taken into consideration)



detailed drawings see our website  
[www.okw.com](http://www.okw.com)



## CONTACT-FRIENDLY

### Max. display sizes

- S 6.4" / 16 cm
- M 8.4" / 21 cm
- L 10.4" / 26 cm

The INTERFACE TERMINAL offers sufficient space for large-area touch screen displays. It is thus ideal for making operation as pleasant as possible for the user, for the processes can be displayed interactively on a touch screen display. The great advantage is its simple intuitive operation and a perfect navigation experience.

### MOBILE

Maximum mobility and independence.

With/without battery compartment (5 x AA), accessible from the outside, incl. protection against incorrect polarity 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.

Available with either flat or high bottom part for individual installation configuration, interfaces, cable inputs and outputs etc.

### CHARGING / TRANSMITTING

Easy transmission of data and charging current. Contacts as accessories.

Case available either to hang in position (desktop application) or NEW: base with snap-in mechanism for secure desktop and wall mounted applications. A flat wall suspension element as a base or for contacts is now also available.

Operating panel can be mounted either vertically or horizontally.

The base offers adequate space for the electronics.



# INTERFACE-TERMINAL DESK-TOP

Order data on pages 14-15



## EASY TO OPERATE



### ERGONOMIC

Operating panel inclined by 20°. Ergonomically ideal for operating and reading – whether vertically or horizontally mounted.



The rubber feet included in the scope of delivery give the desktop units stability.

### BASE-MOUNTED VARIANTS

Individual desktop cases can be assembled from different components to match the component configuration.

Case also available screwed to the base (desk). Assembly screws hidden on the underside.

Alternatively, the case snaps into base (desk/wall). If required, unit can be secured by latch lock.

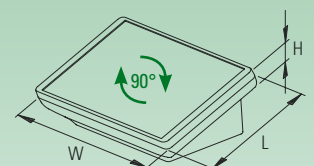
### Protection class IP 54

With sealings (accessories).

### Max. size of PCB (L x W in mm)

|   | bottom    | cover     | station   |
|---|-----------|-----------|-----------|
| S | 124 x 162 | 120 x 176 | 84 x 95   |
| M | 154 x 196 | 150 x 210 | 112 x 126 |
| L | 180 x 257 | 180 x 256 | 143 x 155 |

*(cutouts of pillars not taken into consideration)*



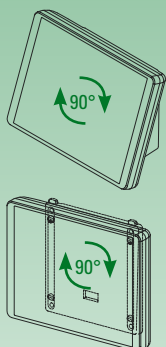
detailed drawings see our website  
[www.okw.com](http://www.okw.com)



## INTERFACE PROFESSIONAL

### Rational wall mounting

The case can be mounted on the wall as a closed unit.



### EFFICIENT

Unique "interface" between a stationary and a mobile component.

Assembly can be significantly simplified by predefined, snap-in interfaces.

You can also benefit from the ease of assembly when equipping and connecting up the interfaces; plug-in connectors also prevent wiring errors whenever servicing is required.

### WALL MOUNTING

Direct wall mounting. The ergonomically inclined base offers plenty of space for connectors, electronics as well as wiring.

Separate wall suspension element for low-profile wall mounting, suitable for cases without base. The wall suspension element is prepared for contacts (accessories) for transmitting data and current.





## PERFECT DIALOGUE



### THE PRODUCT

You can hardly present your communication or network systems in a more attractive way.

The DIATEC is an attractive eye-catcher in your direct living and working environment. But this innovative range of cases also offers many functional benefits.

All details are designed to match each other perfectly. Depending on requirements, different equipment options and connections are possible.

### YOUR ADVANTAGE

Modern, flat enclosure design, ideal for table top and wall mounting applications.

Plain, recessed area on the bottom part for installation and protection of interfaces, screwed cable glands, plug-in connections etc.

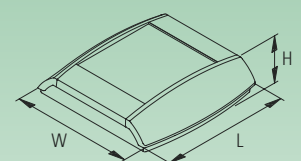
Easy, flush wall mounting.

Recessed operating area for the protection of the membrane keyboards and operating elements.

### Protection class IP 40

### Max. size of PCB (L x W in mm)

|    | bottom part | top part  |
|----|-------------|-----------|
| XS | 120 x 115   | 127 x 115 |
| S  | 120 x 180   | 120 x 180 |
| M  | 180 x 180   | 180 x 180 |
| L  | 240 x 180   | 240 x 180 |







## PRESTIGIOUS

### Design DIATEC XS

Two-piece case, consisting of top and bottom part, screwed together. Integrated battery holder for 2 x 1.5 V AA batteries. Pre-shaped flush-mounting box contoured in the bottom part.

### DIATEC S, M, L

Four-piece case, consisting of top and bottom part as well as two covers for concealing the assembly screws. If required, the snap-on covers can be locked to prevent unauthorised access. Integrated battery compartment for 2 x 1.5 V AA batteries or 1 x 9 V flat battery.

### SPEZIAL FOR S/M/L

Separate slot-in panels can be used as interior partitions, for example to guard the electronics when changing batteries. This allows the complete pre-assembly of the electronics unit. The technician on site only has to mount the unit on the wall and connect up the relevant leads. Connection can be effected from the left and/or from the right-hand side. The actual case does not have to be opened to do this, only the snap-on side trims.

Hinged lid in case colour or transparent for covering the dialogue zone as accessory.

### APPLICATIONS

Systems for data collection on the job.

Access and security controls.

Peripheral equipment for computers, data system engineering.

Measuring and controlling.

Medical field and laboratory technology.





## PRACTICAL MOBILE CASE DESIGNS



### THE PRODUCT

The new MINITEC cases convince their users thanks to their mini-dimensions and maxi-benefits.

Whether round your neck or round your wrist, MINITEC cases are your loyal companions and are always within easy reach. They are so small and light that they also fit into any trouser pocket.

Whether with orange, green, blue or volcano-coloured intermediate rings or one coloured, these MINITEC cases are the right enclosures for today's personal electronics.

### ENCLOSURE DESIGNS

You have a choice between an organic "MINITEC DROP" shape or a more technical "MINITEC EDGE" design.

Different intermediate rings and accessories offer the necessary flexibility for individual use.

### Protection class IP 41

MINITEC DROP (sizes S and M) with intermediate ring in TPE.

### Max. size of PCB (L x W in mm)

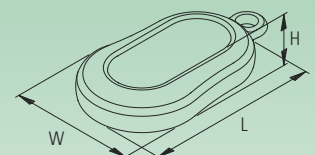
MINITEC DROP bottom part

S 35 x 27

M 51 x 38

L 57 x 45

(cutouts of pillars not taken into consideration)





## THE PERFECT COMPANION

### Protection class IP 41

MINITEC EDGE (size M)  
with intermediate ring in TPE.

### Max. size of PCB (L x W in mm)

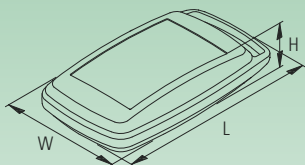
MINITEC EDGE bottom part

S 36 x 24

M 51 x 34

L 53 x 40

(cutouts of pillars not taken into consideration)



### YOUR ADVANTAGE

Modern, flat styling.

Easy to wear, e.g. round your neck,  
or as a bracelet with wrist strap,  
on a key ring or on a belt (EL).

TPE ring for a pleasant touch sensation  
and as impact protection.

Also available in infra-red light-permeable material.

Recessed operating area for the  
protection of the membrane keyboard  
or decorative foil. MINITEC Edge also  
without recessed operating area.

### APPLICATIONS

Many different types of remote  
control systems.

Specially made for clinic and social  
fields as well as in the household  
and in industry, e.g. emergency  
systems, monitoring and alarm  
equipment, radio remote control etc.



detailed drawings see our website  
[www.okw.com](http://www.okw.com)





## MEASURING, CONTROLLING, REGULATING



### THE PRODUCT

The robust range of wall mounted cases with freely accessible terminal compartment for easy component mounting and wiring.

The cases with a transparent case cover have an easy-to-operate closure system ensuring comfortable opening and closing.

These cases are particularly suitable for use in heating, air conditioning and ventilation technology, measurement and control technology, for machine and industrial controllers etc.

### YOUR ADVANTAGE

Available either with or without transparent cover to protect the display and operating elements. Opening either to the right or to the left.

Alternatively available with front cover / front panel attachment (accessory).

Screw bosses and guides for the vertical and horizontal installation of printed circuit boards and mounting plates.

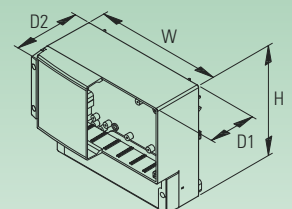
Direct wall mounting or external wall mounting brackets (accessory). Optional DIN rail mounting kit (accessory).

### Protection class IP 65

With transparent enclosure cover or front lid.

### Sizes (W x H x D1/D2 in mm)

| W x H         | D1      | D2       |
|---------------|---------|----------|
| 166/188 x 160 | 80, 108 | 106, 134 |
| 213/235 x 185 | 90      | 119      |
| 257/280 x 219 | 122     | 156      |
| 296/320 x 260 | 95      | 129      |
| 363/390 x 316 | 134     | 167      |



detailed drawings see our website  
[www.okw.com](http://www.okw.com)

# SMART-CASE

Order data on page 19



# ART-CASE

Order data on page 18



## GOOD TO HOLD

## GEOMETRIC PERFECTION



### NEW VERSIONS

SMART-CASE in ABS, black, RAL 9005 (M, L, XL) with black cable gland.

SMART-CASE M, closed version, without battery holder.

### Sizes (L x W x H in mm)

|            |                   |
|------------|-------------------|
| SMART-CASE |                   |
| XS         | 58 x 35.6 x 19    |
| M          | 96 x 47 x 24      |
| L          | 140 x 62.7 x 30.5 |
| XL         | 168 x 74.4 x 35.4 |

### Sizes (L x W x H in mm)

|                 |                      |
|-----------------|----------------------|
| ART-CASE ROUND  | 110 x 110 x 30/38/41 |
| ART-CASE SQUARE | 110 x 110 x 38       |
| ART-CASE OVAL   | 160 x 110 x 30/38/41 |
| ART-CASE EDGE   | 160 x 110 x 38       |

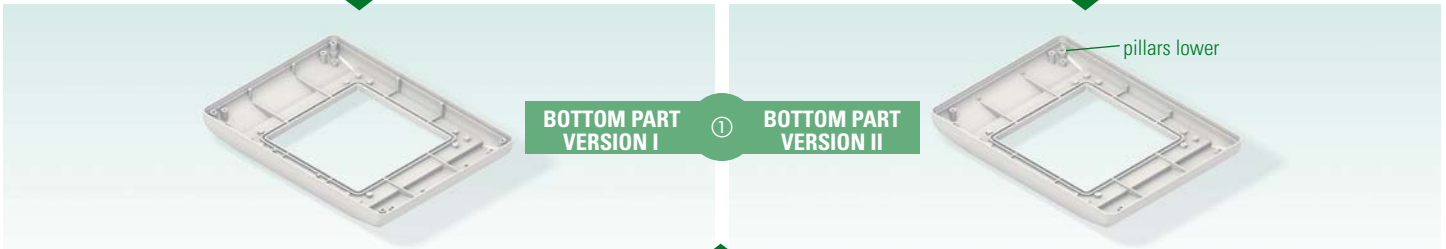
### WALL MOUNTING

Wall suspension element in the colour black, RAL 9005 – to colour-match the lid (ART CASE ROUND & OVAL) and all bases for practical wall mounting of the ART CASES in black. Machining lid/base necessary.





## SYSTEM COMPONENTS



Note: Assembly of the operating panel vertically or horizontally, depending on the application; when deciding on the assembly orientation, take account of the battery compartment (2) / bottom panel (3, 4), see assembly instructions on our website.

## YOUR APPLICATION / MINIMUM COMPONENTS REQUIRED

Mobile with battery compartment  
5 x AA.

① ② ①

Mobile without battery compartment.

① ③ ①

Mobile with station  
and battery compartment 5 x AA.  
Contacts as accessory.

① ② ⑥ ①

Mobile with station  
without battery compartment.

① ③ ⑥ ①

Mobile with battery compartment  
5 x AA and wall suspension element  
as base. Also ideal for flat wall  
applications.

Contacts as accessory.

① ② ⑫ ①

Mobile without battery compart-  
ment and wall suspension element  
as base. Also ideal for flat wall  
applications.

① ③ ⑫ ①

Desk-top / Wall

Case snaps into base. If required, unit  
can be secured by latch lock.

① ④ ⑦ ①

Desk-top

Case screwed to base.

① ⑤ ①

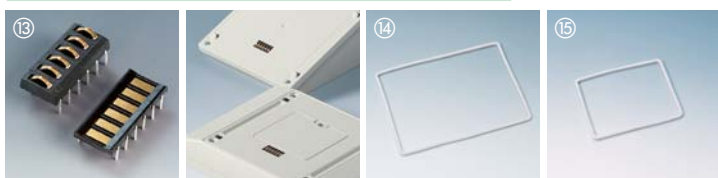
## INTERFACE-TERMINAL

| Enclosure (for the difference between vers. I and II see front design options)<br>ABS (UL 94 HB), off-white RAL 9002, dim. in mm (L x W x H) | Part-No.<br>INTERFACE-TERMINAL S |                                   | Part-No.<br>INTERFACE-TERMINAL M  |                                   | Part-No.<br>INTERFACE-TERMINAL L  |                                   |                                   |
|--|----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|
|  | I                                | II                                | I                                 | II                                | I                                 | II                                |                                   |
| ① Bottom part  | flat                             | B 40 42 707<br>(135 x 190 x 24.5) | B 40 42 717<br>(135 x 190 x 24.5) | B 40 44 707<br>(165 x 225 x 25.5) | B 40 44 717<br>(165 x 225 x 25.5) | B 40 46 707<br>(195 x 275 x 26.5) | B 40 46 717<br>(195 x 275 x 26.5) |
|  | high                             | B 40 42 757<br>(135 x 190 x 34.5) | B 40 42 767<br>(135 x 190 x 34.5) | B 40 44 757<br>(165 x 225 x 35.5) | B 40 44 767<br>(165 x 225 x 35.5) | B 40 46 757<br>(195 x 275 x 36.5) | B 40 46 767<br>(195 x 275 x 36.5) |
| <b>End piece for bottom part required, depending on the application</b><br>ABS (UL 94 HB), off-white RAL 9002, dim. in mm (L x W x H)        |                                  | S                                 |                                   | M                                 |                                   | L                                 |                                   |
| ② Battery compartment and lid, contacts tin-plated 5 x AA  |                                  | B 41 42 047                       |                                   | B 41 44 047                       |                                   | B 41 46 047                       |                                   |
| ③ Bottom panel with handle recess  |                                  | B 41 42 167                       |                                   | B 41 44 167                       |                                   | B 41 46 167                       |                                   |
| ④ Bottom panel with snap-in strips   |                                  | B 41 42 257                       |                                   | B 41 44 257                       |                                   | B 41 46 257                       |                                   |
| ⑤ Base (desk-top)<br>with covers, for combinations with open bottom part ①<br>(for screw-type connection*1)                                  |                                  | B 40 42 827<br>(123 x 123 x 53)   |                                   | B 40 44 827<br>(153 x 153 x 63)   |                                   | B 40 46 827<br>(183 x 183 x 73)   |                                   |
| ⑥ Base (station for mobile case)<br>with base covers, for combinations ① with ② or ③<br>(for hanging in position / snap-in connection*2)     |                                  | B 40 42 837<br>123 x 123 x 60     |                                   | B 40 44 837<br>153 x 153 x 70     |                                   | B 40 46 837<br>(183 x 183 x 80)   |                                   |
| ⑦ Base (desk-top/wall)<br>with clips and latch-lock, for combination ① with ④<br>(snap-in connection)  |                                  | B 40 42 847<br>(123 x 123 x 53)   |                                   | B 40 44 847<br>(153 x 153 x 63)   |                                   | B 40 46 847<br>(183 x 183 x 73)   |                                   |
| ⑫ Wall suspension element with snap-in connection,<br>for combinations ① with ② or ③,<br>not suitable for case with base                     |                                  | B 41 42 247                       |                                   | B 41 44 247                       |                                   | B 41 46 247                       |                                   |

| Front design  | suitable for bottom part S                   |  | suitable for bottom part M       |  | suitable for bottom part L       |  |                                  |
|---|--|--|----------------------------------|--|----------------------------------|--|----------------------------------|
|   | I  | II   | I                                | II   | I                                | II   |                                  |
| ⑧ Cover<br>ABS (UL 94 HB),<br>off-white RAL 9002      | outside dim. in mm<br>max. dim. keypad in mm | B 40 42 407<br>135 x 190 x 12<br>123 x 162 | –                                | B 40 44 407<br>165 x 225 x 12<br>153 x 197 | –                                | B 40 46 407<br>195 x 275 x 12<br>183 x 247 | –                                |
| ⑨ Front panel<br>Al, matt anodised                    | outside dim. in mm                           | B 41 42 106<br>131.5 x 186.5 x 2           | –                                | B 41 44 106<br>161.5 x 221.5 x 2           | –                                | B 41 46 106<br>191.5 x 271.5 x 2           | –                                |
| ⑩ Front panel<br>ABS (UL 94 HB)<br>off-white RAL 9002 | outside dim. in mm<br>max. dim. keypad in mm | –  | B 41 42 107<br>131.7 x 186.7 x 3 | –  | B 41 44 107<br>161.7 x 221.7 x 3 | –  | B 41 46 107<br>191.7 x 271.7 x 3 |
| ⑪ Glass panel<br>without printing*3                   | outside dim. in mm                           | –  | B 41 42 203<br>128.7 x 183.7 x 4 | –  | B 41 44 203<br>158.7 x 218.7 x 4 | –  | B 41 46 203<br>188.7 x 268.7 x 4 |

## INTERFACE-TERMINAL ACCESSORIES

| Article  | S           | M           | L           |
|--|-------------|-------------|-------------|
| ⑬ Contact, male for ⑥, 6-pole*1                          | A 91 78 007 | A 91 78 007 | A 91 78 007 |
| Contact, female for ② or ③, 6-pole*1                     | A 91 78 008 | A 91 78 008 | A 91 78 008 |
| ⑭ Sealing, bottom part - front                           | B 41 42 005 | B 41 44 005 | B 41 46 005 |
| ⑮ Sealing, bottom part - base/bottom panel/battery comp. | B 41 42 006 | B 41 44 006 | B 41 46 006 |
| ⑮ Sealing, base - base cover (⑥)                         | B 41 42 006 | B 41 44 006 | B 41 46 006 |



\*1 holes required, for assembly instruction please refer to our website

\*2 snap-in installation advisable for wall mounted use and for use of contacts (accessories).

\*3 kit with adhesive foil and mounting frame; display window with individual printing adapted to your visible display cutout as well as to cover the area of adhesive foil, on demand



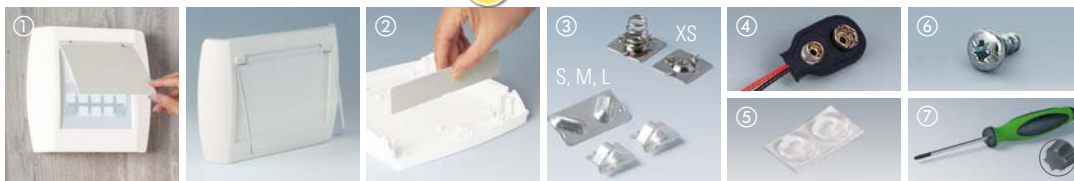
## DIATEC

| Enclosure | Size            | Outside dim. in mm |     |    | Equipment (dim. in mm)<br>max. dim. keypad | Material       | Part-No.              |                      |
|-----------|-----------------|--------------------|-----|----|--|----------------|-----------------------|----------------------|
|           |                 | L                  | W   | H  |  |                | off-white<br>RAL 9002 | lava<br>NCS S 7502-B |
|           | XS*1 <b>NEW</b> | 155                | 150 | 37 |  | ABS (UL 94 HB) | A 90 92 107           | A 90 92 108          |
|           | S*2             | 200                | 210 | 48 | 127.60 x 119.70                            | ABS (UL 94 HB) | A 90 93 107           | A 90 93 108          |
|           | M*2             | 200                | 270 | 48 | 127.60 x 179.60                            | ABS (UL 94 HB) | A 90 94 107           | A 90 94 108          |
|           | L*2 <b>NEW</b>  | 200                | 330 | 48 |  | ABS (UL 94 HB) | A 90 95 107           | A 90 95 108          |

## DIATEC ACCESSORIES

| Article      | For DIATEC         | Version / Application                                  | ABS, case colour*3 | Part-No.          |             |
|--------------|--------------------|--|--------------------|-------------------|-------------|
|              |                    |  |                    | PC, translucent*4 | PC, clear*4 |
| ① Hinged lid | S, L (off-white)*5 | 2 mounting holes $\varnothing$ 4.2 mm necessary, 1 set | A 91 93 127        | A 91 93 121       | A 91 93 131 |
|              | S, L (lava)*5      | 2 mounting holes $\varnothing$ 4.2 mm necessary, 1 set | A 91 93 128        | A 91 93 122       | A 91 93 132 |
|              | M (off-white)      | 2 mounting holes $\varnothing$ 4.2 mm necessary, 1 set | A 91 94 127        | A 91 94 121       | A 91 94 131 |
|              | M (lava)           | 2 mounting holes $\varnothing$ 4.2 mm necessary, 1 set | A 91 94 128        | A 91 94 122       | A 91 94 132 |

| Article                           | For DIATEC  | Version / Application  | Part-No.    |
|-----------------------------------|-------------|--|-------------|
| ② Slot-in panel                   | S, M, L     | ABS, off-white, 156 x 30 x 3 mm, 1 pc                                    | A 91 94 007 |
| ③ Set of battery clips <b>NEW</b> | XS          | nickel-plated for 2 x 1.5 V mignon cells (AA)                            | A 91 90 015 |
|                                   | S, M, L     | tin-plated for 2 x 1.5 V mignon cells (AA)                               | A 91 90 002 |
| ④ Plug-in contact                 | S, M, L     | for one 9 V flat battery (PP3), 1 pc                                     | A 91 60 003 |
| ⑤ Non-slip pads                   | XS          | transparent, self-adhesive, ensure reliable desk-top positioning, 1 pair | A 92 07 150 |
|                                   | S, M, L     | transparent, self-adhesive, ensure reliable desk-top positioning, 1 pair | A 92 12 330 |
| ⑥ Self-tapping screw              | XS, S, M, L | $\varnothing$ 3 x 6 mm (PZ1), for mounting PCBs, 1 pc                    | A 03 06 031 |
| ⑦ Torx screwdriver T10 <b>NEW</b> | XS          | Torx 10, with ergonomic handle, for assembling enclosure                 | A 03 99 T10 |



## UNIVERSAL ACCESSORIES

| Self-tapping screw | Version / Application  | Part-No.                  |
|--------------------|--|---------------------------|
|                    | $\varnothing$ 3 x 8 mm (Torx 10), stainless steel, 1 pc<br>As an alternative to A 03 08 031 (self-tapping screw $\varnothing$ 3 x 8 mm with cross recess PZ1) for PCB mounting – for information on which screw diameter matches which OKW case, please refer to <a href="http://www.okw.com">www.okw.com</a> .<br>Or as a substitute for case assembly DIATEC XS (2 pcs. required). | <b>NEW</b><br>A 03 08 132 |

\*1 Supply: 1 bottom and top part each, assembly kit.

Assembly of bottom and top part with 2 Torx T10 self-tapping screws, stainless steel.

\*2 Supply: 1 bottom and top part each, 1 trim left and right side incl. 2 locking elements, assembly kit.

Assembly of top and bottom part with 4 self-tapping screws (PZ2), snap-on side trims. If required, the trims can also be locked, thus preventing unauthorised access.


\*3 in the relevant case colour

\*4 fasteners from the assembly set in the case colour in question


\*5 hinged lid for covering the dialogue area of the DIATEC S or for partially covering the dialogue area of the DIATEC L (half side)




## MINITEC DROP

| Bottom and top part  | Size | Outside in mm |    |    | Equipment (dim. in mm) |                             | Part-No.    |             | PMMA*2<br>black |
|--|------|---------------|----|----|------------------------|-----------------------------|-------------|-------------|-----------------|
|  |      | L             | W  | H  | max. dim. keypad       | ABS (UL 94 HB)<br>off-white | lava        |             |                 |
|  | S    | 51            | 32 | 13 | 38.60 x 18.15          | B 90 02 907                 | B 90 02 908 | B 90 02 906 |                 |
|  | M    | 70            | 44 | 16 | 52.55 x 23.70          | B 90 04 907                 | B 90 04 908 | B 90 04 906 |                 |
|  | L    | 84            | 53 | 19 | 63.95 x 30.10          | B 90 06 907                 | B 90 06 908 | B 90 06 906 |                 |


  

| Intermediate ring  | Material | Colour                  | S           |             |             | M           |   |   | L |   |   |
|--|----------|-------------------------|-------------|-------------|-------------|-------------|---|---|---|---|---|
|  |          |                         | S           | M           | L           | S           | M | L | S | M | L |
|  | TPE      | lava, NCS S 7502-B      | B 90 02 302 | B 90 04 302 | B 90 06 302 | B 90 02 352 |   |   |   |   |   |
|  | TPE      | orange, NCS S 1070-Y40R | B 90 02 303 | B 90 04 303 | B 90 06 303 | B 90 02 353 |   |   |   |   |   |
|  | TPE      | green, NCS S 1070-G60Y  | B 90 02 304 | B 90 04 304 | B 90 06 304 | B 90 02 354 |   |   |   |   |   |
|  | TPE      | blue, NCS S 1060-B      | B 90 02 305 | B 90 04 305 | B 90 06 305 | B 90 02 355 |   |   |   |   |   |
|  | PMMA*2   | black, RAL 9005         | B 90 02 306 | B 90 04 306 | B 90 06 306 | B 90 02 356 |   |   |   |   |   |
|  | TPE      | off-white, RAL 9002     | B 90 02 307 | B 90 04 307 | B 90 06 307 | B 90 02 357 |   |   |   |   |   |
|  | TPE      | volcano, NCS S 5502-G   | B 90 02 308 | B 90 04 308 | B 90 06 308 | B 90 02 358 |   |   |   |   |   |
|  | ABS      | black, RAL 9005         | B 90 02 309 | B 90 04 309 | B 90 06 309 | B 90 02 359 |   |   |   |   |   |

## MINITEC EGDE

| Bottom and top part   | Size | Outside dim. in mm |    |    | Equipment (dim. in mm) |                             | Part-No.    |             | PMMA*2<br>black |
|---|------|--------------------|----|----|------------------------|-----------------------------|-------------|-------------|-----------------|
|   |      | L                  | W  | H  | max. dim. keypad       | ABS (UL 94 HB)<br>off-white | lava        |             |                 |
|  | S    | 52                 | 32 | 15 | 34.90 x 19.85          | B 90 02 807                 | B 90 02 808 | B 90 02 806 |                 |
|   |      | 52                 | 32 | 15 | without recess         | B 90 02 857                 | B 90 02 858 | B 90 02 856 |                 |
|   | M    | 68                 | 42 | 18 | 45.00 x 27.85          | B 90 04 807                 | B 90 04 808 | B 90 04 806 |                 |
|   |      | 68                 | 42 | 18 | without recess         | B 90 04 857                 | B 90 04 858 | B 90 04 856 |                 |
|   | L    | 78                 | 48 | 20 | 51.60 x 31.95          | B 90 06 807                 | B 90 06 808 | B 90 06 806 |                 |
|   |      | 78                 | 48 | 20 | without recess         | B 90 06 857                 | B 90 06 858 | B 90 06 856 |                 |
|   |      | <b>NEW</b>         | 78 | 48 | 24                     | 51.50 x 29.70               | B 90 06 817 | B 90 06 818 | B 90 06 816     |
|   |      |                    | 78 | 48 | 26                     | 51.50 x 29.70               | B 90 06 827 | B 90 06 828 | B 90 06 826     |

| Intermediate ring  | Material | Colour    | S           |             |             | M           |             |             | L           |   |   |
|--|----------|-----------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|---|---|
|  |          |           | S           | M           | L           | S           | M           | L           | S           | M | L |
|  | TPE      | lava      | B 90 02 702 | B 90 04 702 | B 90 06 702 | B 90 02 752 | B 90 04 752 | B 90 06 752 | B 90 06 782 |   |   |
|  | TPE      | orange    | B 90 02 703 | B 90 04 703 | B 90 06 703 | B 90 02 753 | B 90 04 753 | B 90 06 753 | B 90 06 783 |   |   |
|  | TPE      | green     | B 90 02 704 | B 90 04 704 | B 90 06 704 | B 90 02 754 | B 90 04 754 | B 90 06 754 | B 90 06 784 |   |   |
|  | TPE      | blue      | B 90 02 705 | B 90 04 705 | B 90 06 705 | B 90 02 755 | B 90 04 755 | B 90 06 755 | B 90 06 785 |   |   |
|  | PMMA*2   | black     | B 90 02 706 | B 90 04 706 | B 90 06 706 | B 90 02 756 | B 90 04 756 | B 90 06 756 | B 90 06 786 |   |   |
|  | TPE      | off-white | B 90 02 707 | B 90 04 707 | B 90 06 707 | B 90 02 757 | B 90 04 757 | B 90 06 757 | B 90 06 787 |   |   |
|  | TPE      | volcano   | B 90 02 708 | B 90 04 708 | B 90 06 708 | B 90 02 758 | B 90 04 758 | B 90 06 758 | B 90 06 788 |   |   |
|  | ABS      | black     | B 90 02 709 | B 90 04 709 | B 90 06 709 | B 90 02 759 | B 90 04 759 | B 90 06 759 | B 90 06 789 |   |   |

## MINITEC ACCESSORIES

| Article                             | For MINITEC             | Version / Application   | Part-No.    |
|-------------------------------------|-------------------------|---|-------------|
| ① Key ring                          | E (Edge) / D (Drop)     | nickel-plated, ø 20.5 mm  | A 91 64 001 |
| ② Carrying strap „Reflex“           | E (Edge) / D (Drop)     | silver/black with quick-action lock, approx. 860 mm long  | B 91 00 022 |
| ③ Carrying strap „Woven“ <b>NEW</b> | E (Edge) / D (Drop)     | black, with safety closure, approx. 900 mm long   | B 91 00 053 |
| ④ Hand strap „Woven“                | E (Edge) / D (Drop)     | grey, with quick-action lock, approx. 200 mm long   | B 91 00 044 |
| ⑤ Wrist strap                       | E (Edge, 2 strap loops) | black, elastic belt with velcro, approx. 280 mm long  | B 91 00 033 |
| ⑥ Strap eyelet <b>NEW</b>           | E (Edge size L)         | ABS lava, for belts or belt webbing up to 34 x 4 mm, horizontally/vertically use, incl. screws for mounting | B 91 06 108 |



\*1 To achieve one MINITEC, please order:  
 1 bottom and top part  
 1 intermediate ring  
 (assembly kit supplied with case)



## WALLTEC

| Enclosure | Type          | Outside dim. in mm |     |     | Equipment premarked openings for cable entry and outlet | Material       | Part-No. light grey RAL 7035 |
|-----------|---------------|--------------------|-----|-----|---|----------------|------------------------------|
|           |               | W                  | H   | D   |   |                |                              |
|           | WALLTEC 166 F | 166                | 160 | 80  | rear  | ABS (UL 94 HB) | A 97 30 101                  |
|           | WALLTEC 166 D | 166                | 160 | 108 | rear  | ABS (UL 94 HB) | A 97 31 101                  |
|           | WALLTEC 213   | 213                | 185 | 90  | rear  | ABS (UL 94 HB) | A 97 32 101                  |
|           | WALLTEC 257   | 257                | 219 | 122 | rear  | ABS (UL 94 HB) | A 97 33 101                  |
|           | WALLTEC 296   | 296                | 260 | 95  | rear  | ABS (UL 94 HB) | A 97 34 101                  |
|           | WALLTEC 363   | 363                | 316 | 134 | rear  | ABS (UL 94 HB) | A 97 35 101                  |

| Enclosure with transparent cover*1 | Type          | Outside dim. in mm |     |     | Equipment premarked openings for cable entry and outlet | Material      | Part-No. light grey RAL 7035 |
|------------------------------------|---------------|--------------------|-----|-----|---|---------------|------------------------------|
|                                    |               | W                  | H   | D   |   |               |                              |
|                                    | WALLTEC 188 F | 188                | 160 | 106 | rear  | PC (UL 94 5V) | A 97 30 112                  |
|                                    | WALLTEC 188 D | 188                | 160 | 134 | rear  | PC (UL 94 5V) | A 97 31 112                  |
|                                    | WALLTEC 235   | 235                | 185 | 119 | rear  | PC (UL 94 5V) | A 97 32 112                  |
|                                    | WALLTEC 280   | 280                | 219 | 156 | rear  | PC (UL 94 5V) | A 97 33 112                  |
|                                    | WALLTEC 320   | 320                | 260 | 129 | rear  | PC (UL 94 5V) | A 97 34 112                  |
|                                    | WALLTEC 390   | 390                | 316 | 167 | rear  | PC (UL 94 5V) | A 97 35 112                  |

## WALLTEC ACCESSORIES

| Article   | For type           | Version / Application   | Part-No.    |
|---|--------------------|---|-------------|
| ① Front lid                                       | WALLTEC 166 F / D  | PC (UL 94 5V), light grey, 166 x 106 x 16 mm, max. dim. keypad 131 x 93 mm      | A 91 30 102 |
|   | WALLTEC 213        | PC (UL 94 5V), light grey, 213 x 125 x 20 mm, max. dim. keypad 179.2 x 112 mm   | A 91 32 102 |
|   | WALLTEC 257        | PC (UL 94 5V), light grey, 257 x 157 x 30 mm, max. dim. keypad 222.4 x 143.3 mm | A 91 33 102 |
|   | WALLTEC 296        | PC (UL 94 5V), light grey, 296 x 196 x 30 mm, max. dim. keypad 251.6 x 182.4 mm | A 91 34 102 |
| ② Front panel                                     | WALLTEC 166 / 188  | Al, matt anodised, 158.5 x 98.5 x 1.5 mm  | A 91 30 116 |
|   | WALLTEC 213 / 235  | Al, matt anodised, 205.5 x 117.5 x 1.5 mm                                       | A 91 32 116 |
|   | WALLTEC 257 / 280  | Al, matt anodised, 250 x 150 x 1.5 mm   | A 91 33 116 |
|   | WALLTEC 296 / 320  | Al, matt anodised, 288 x 188 x 1.5 mm   | A 91 34 116 |
|   | WALLTEC 363 / 390  | Al, matt anodised, 353 x 223 x 1.5 mm   | A 91 35 116 |
| ③ Mounting plate (screws supplied with enclosure) | WALLTEC 166 / 188  | Steel, galvanized, 136 x 133 x 1.5 mm, for mounting of components               | A 91 30 127 |
|   | WALLTEC 213 / 235  | Steel, galvanized, 142 x 200 x 1.5 mm, for mounting of components               | A 91 32 127 |
|   | WALLTEC 257 / 280  | Steel, galvanized, 225 x 175 x 1.5 mm, for mounting of components               | A 91 33 127 |
|   | WALLTEC 296 / 320  | Steel, galvanized, 282 x 215 x 1.5 mm, for mounting of components               | A 91 34 127 |
|   | WALLTEC 363 / 390  | Steel, galvanized, 345 x 258 x 1.5 mm, for mounting of components               | A 91 35 127 |
| ④ Wall mounting bracket*2                         | 166 F/D, 188 F/D,  | PC (UL 94 5V), light grey, set with 2 pcs incl. screws                          | A 91 00 132 |
| ⑤ Fastening element for DIN-Rails*2               | 213, 235, 257, 280 | PC (UL 94 5V), light grey, for DIN EN 60715 TH35, set with 2 pcs (right/left)   | A 91 00 142 |
| ⑥ Screw 40 x 18*2                                 | with transp. cover | additional fastening for cover closure, 1 pc                                    | A 91 00 156 |



## ART-CASE ADDITIONS

Information on page 12



| Article  | For ART-CASE with               | Version / Application  | Part-No.    |
|--|---------------------------------|--|-------------|
| Wall mounting set <span style="background-color: yellow; border-radius: 50%; padding: 2px;">NEW</span> | lid (R, O) or base (R, S, O, E) | ABS, black RAL 9005, for the safe and secure wall mounting of the case (machining lid/bases necessary), removal protection device with screw | B 51 11 309 |



Enclosures and further accessories see our website / catalogue pages 80-82.

\*1 cover not mounted; lock PA, green, RAL 6016; see assembly instruction on our website [www.okw.com](http://www.okw.com)

\*2 see assembly instruction on our website [www.okw.com](http://www.okw.com)

## SMART-CASE

| SMART-CASE | Outside dim. in mm |      |      | Version / Equipment (dim. in mm) |                       | max. dim. keypad | ABS (UL 94 HB)                               |                     |                     | PMMA plexiglass® black*1 |              |             |             |
|------------|--------------------|------|------|----------------------------------|-----------------------|------------------|--|---------------------|---------------------|--------------------------|--------------|-------------|-------------|
|            | L                  | W    | H    | battery compartment              | cable gland approx. ø |                  | off-white (cable gland: volcano vers. III-V) | black (gland black) | black (gland black) |                          |              |             |             |
|            | XS                 | 58   | 35,6 | 19                               | –                     | –                | –  | without recess      | A 90 64 107         | A 90 64 109              | – <b>NEW</b> | A 90 64 209 |             |
|            | M                  | 96   | 47   | 24                               | I                     | 2 x AAA          | –  | –                   | without recess      | A 90 66 107              | A 90 66 109  | –           | A 90 66 209 |
|            |                    | 96   | 47   | 24                               | II                    | 2 x AAA          | –  | –                   | without recess      | A 90 66 117              | A 90 66 119  | –           | A 90 66 219 |
|            |                    | 96   | 47   | 24                               | III                   | –                | 5.0 - 5.9                                    | –                   | 74.60 x 39.85       | A 90 66 127              | A 90 66 129  | A 90 66 329 | –           |
|            |                    | 96   | 47   | 24                               | IV                    | –                | 4.2 - 5.0                                    | –                   | A 90 66 137         | A 90 66 139              | A 90 66 339  | –           |             |
|            |                    | 96   | 47   | 24                               | V                     | –                | 3.4 - 4.2                                    | –                   | A 90 66 147         | A 90 66 149              | A 90 66 349  | –           |             |
|            |                    | 96   | 47   | 24                               | –                     | –                | –  | –                   | A 90 66 317         | A 90 66 319              | –            | A 90 66 419 |             |
|            |                    | 96   | 47   | 24                               | –                     | –                | –  | –                   | –                   | –                        | –            | –           | –           |
|            | 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                    | –                | –  | –                   | A 90 67 117         | A 90 67 119              | –            | A 90 67 219 |             |
|            |                    | 140  | 62.7 | 30.5                             | III                   | –                | 5.0 - 5.9                                    | –                   | A 90 67 127         | A 90 67 129              | A 90 67 329  | –           |             |
|            |                    | 140  | 62.7 | 30.5                             | IV                    | –                | 4.2 - 5.0                                    | –                   | A 90 67 137         | A 90 67 139              | A 90 67 339  | –           |             |
|            |                    | 140  | 62.7 | 30.5                             | V                     | –                | 3.4 - 4.2                                    | –                   | A 90 67 147         | A 90 67 149              | A 90 67 349  | –           |             |
| 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                               | –                     | –                | –  | A 90 68 117         | A 90 68 119         | –                        | A 90 68 219  |             |             |
|            | 168                | 74.4 | 35.4 | III                              | –                     | 5.0 - 5.9        | –  | A 90 68 127         | A 90 68 129         | A 90 68 329              | –            |             |             |
|            | 168                | 74.4 | 35.4 | IV                               | –                     | 4.2 - 5.0        | –  | A 90 68 137         | A 90 68 139         | A 90 68 339              | –            |             |             |
|            | 168                | 74.4 | 35.4 | V                                | –                     | 3.4 - 4.2        | –  | A 90 68 147         | A 90 68 149         | A 90 68 349              | –            |             |             |

## SMART-CASE ACCESSORIES

| Article                           | For 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 battery 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  | A 91 60 003 |             |
|                                   | L                  | for versions II-V, for a higher protection class (IP 65)                | A 91 67 002 |             |
| ⑤ Sealing                         | XL                 | for versions II-V, for a higher protection class (IP 65)                | A 91 68 002 |             |
|                                   | M, L, XL & station | for strain relief of cable connected applications                       | A 91 66 004 |             |
| 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 |             |
|                                   |                    |   | off-white   | black       |
| ⑧ Belt / pocket clip              | M, L, XL           | PA 6, 2 mounting holes ø 4.2 mm necessary                               | A 91 67 017 | A 91 67 019 |
| ⑨ Holding clamp                   | M, L, XL           | up to ø 32 mm, ABS, 2 mounting holes ø 4.2 mm necessary                 | A 91 67 027 | A 91 67 029 |
| ⑩ Holder                          | M                  | ABS, also suitable for cable connected applications                     | A 91 66 307 | A 91 66 309 |
|                                   | L                  | ABS, also suitable for cable connected applications                     | A 91 67 307 | A 91 67 309 |
|                                   | XL                 | ABS, also suitable for cable connected applications                     | A 91 68 307 | A 91 68 309 |
| ⑪ Adhesive foil for holder        | holder M           | double-sided adhesive foil with foam carrier                            | A 91 66 005 |             |
|                                   | holder L           | 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  | A 91 66 037 | A 91 66 039 |
|                                   | L                  | ABS, desk case application  | A 91 67 037 | A 91 67 039 |
|                                   | XL                 | ABS, desk case application  | A 91 68 037 | A 91 68 039 |
| ⑬ Contacts (bore holes necessary) | M, L, XL           | contact pin, gold-plated, < 15 A  | A 91 93 030 |             |
|                                   | M, L, XL           | spring contact, gold-plated, F 0.3 N, travel 1.5 mm, < 3 A              | A 91 93 032 |             |



for ring eyelet see [www.okw.com](http://www.okw.com)

\*1 sizes 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

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