



## 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.

Different versions offer the required flexibility for applications in everyday situations.

## YOUR ADVANTAGE

Modern, flat styling.

Easy to wear, e.g. round your neck, or as a bracelet with wrist strap, or on a key ring. Strap loops and eyelets are already integrated.

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

Variety of colours.

Also available in infra-red light-permeable material.

Recessed operating area for the protection of the membrane keyboard.

Fixing supports for PCBs and integrated parts in the bottom part of the case.

## 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.

## PROTECTION CLASS IP 41

## MAX. SIZE OF PCB

| MINITEC | L x W in mm<br>bottom part |
|---------|----------------------------|
| ES      | 36 x 24                    |
| EM      | 51 x 34                    |
| DS      | 35 x 27                    |
| DM      | 51 x 38                    |

(cutouts of pillars not taken into consideration)



### One coloured

- Off-white, RAL 9002
- Lava, NCS S 7502-B
- Black, RAL 9005

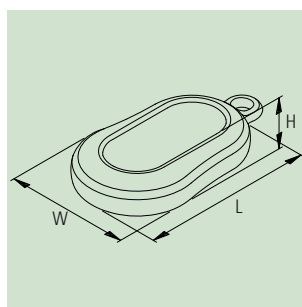
### Two coloured

#### Enclosures

- Off-white, RAL 9002
- Lava, NCS S 7502-B

#### Intermediate rings

- Volcano, NCS 5502-G
- Orange, NCS S 1070-Y40R
- Green, NCS S 1070-G60Y
- Blue, NCS S 1060-B



## ENCLOSURES

| TYPE /<br>SIZE   | Outside dim. in mm |    |    | Equipment (dim. in mm) |                   |  | Part-No.                    |             |                 | Part-No.                    |             |                 |
|------------------|--------------------|----|----|------------------------|-------------------|--|-----------------------------|-------------|-----------------|-----------------------------|-------------|-----------------|
|                  | L                  | W  | H  | max. dim. keypad       | intermediate ring |  | ABS (UL 94 HB)<br>off-white | lava        | PMMA*1<br>black | ABS (UL 94 HB)<br>off-white | lava        | PMMA*1<br>black |
| <b>MINITEC E</b> |                    |    |    |                        |                   |  |                             |             |                 |                             |             |                 |
| S                | 52                 | 32 | 15 | without recess         | TPE               |  | B 90 02 617                 |             | B 90 02 046     | B 90 02 637                 |             | B 90 02 146     |
|                  | 52                 | 32 | 15 | without recess         | TPE               |  | B 90 02 007                 | B 90 02 008 |                 | B 90 02 107                 | B 90 02 108 |                 |
|                  | 52                 | 32 | 15 | without recess         | TPE               |  |                             | B 90 02 918 |                 |                             | B 90 02 938 |                 |
|                  | 52                 | 32 | 15 | without recess         | TPE               |  | B 90 02 017                 | B 90 02 018 |                 | B 90 02 117                 | B 90 02 118 |                 |
|                  | 52                 | 32 | 15 | without recess         | TPE               |  | B 90 02 027                 | B 90 02 028 |                 | B 90 02 127                 | B 90 02 128 |                 |
|                  | 52                 | 32 | 15 | without recess         | TPE               |  | B 90 02 037                 | B 90 02 038 |                 | B 90 02 137                 | B 90 02 138 |                 |
|                  | 52                 | 32 | 15 | without recess         | PMMA              |  |                             |             | B 90 02 096     |                             |             | B 90 02 196     |
|                  | 52                 | 32 | 15 | 34.90 x 19.85          | TPE               |  | B 90 02 627                 |             |                 | B 90 02 647                 |             |                 |
|                  | 52                 | 32 | 15 | 34.90 x 19.85          | TPE               |  | B 90 02 057                 | B 90 02 058 |                 | B 90 02 157                 | B 90 02 158 |                 |
|                  | 52                 | 32 | 15 | 34.90 x 19.85          | TPE               |  |                             | B 90 02 928 |                 |                             | B 90 02 948 |                 |
|                  | 52                 | 32 | 15 | 34.90 x 19.85          | TPE               |  | B 90 02 067                 | B 90 02 068 |                 | B 90 02 167                 | B 90 02 168 |                 |
|                  | 52                 | 32 | 15 | 34.90 x 19.85          | TPE               |  | B 90 02 077                 | B 90 02 078 |                 | B 90 02 177                 | B 90 02 178 |                 |
|                  | 52                 | 32 | 15 | 34.90 x 19.85          | TPE               |  | B 90 02 087                 | B 90 02 088 |                 | B 90 02 187                 | B 90 02 188 |                 |
|                  | 52                 | 32 | 15 | 34.90 x 19.85          | PMMA              |  |                             |             |                 |                             |             |                 |
| M                | 68                 | 43 | 18 | without recess         | TPE               |  | B 90 04 617                 |             | B 90 04 046     | B 90 04 637                 |             | B 90 04 146     |
|                  | 68                 | 43 | 18 | without recess         | TPE               |  | B 90 04 007                 | B 90 04 008 |                 | B 90 04 107                 | B 90 04 108 |                 |
|                  | 68                 | 43 | 18 | without recess         | TPE               |  |                             | B 90 04 918 |                 |                             | B 90 04 938 |                 |
|                  | 68                 | 43 | 18 | without recess         | TPE               |  | B 90 04 017                 | B 90 04 018 |                 | B 90 04 117                 | B 90 04 118 |                 |
|                  | 68                 | 43 | 18 | without recess         | TPE               |  | B 90 04 027                 | B 90 04 028 |                 | B 90 04 127                 | B 90 04 128 |                 |
|                  | 68                 | 43 | 18 | without recess         | TPE               |  | B 90 04 037                 | B 90 04 038 |                 | B 90 04 137                 | B 90 04 138 |                 |
|                  | 68                 | 43 | 18 | without recess         | PMMA              |  |                             |             | B 90 04 096     |                             |             | B 90 04 196     |
|                  | 68                 | 43 | 18 | 45.00 x 27.85          | TPE               |  | B 90 04 627                 |             |                 | B 90 04 647                 |             |                 |
|                  | 68                 | 43 | 18 | 45.00 x 27.85          | TPE               |  | B 90 04 057                 | B 90 04 058 |                 | B 90 04 157                 | B 90 04 158 |                 |
|                  | 68                 | 43 | 18 | 45.00 x 27.85          | TPE               |  |                             | B 90 04 928 |                 |                             | B 90 04 948 |                 |
|                  | 68                 | 43 | 18 | 45.00 x 27.85          | TPE               |  | B 90 04 067                 | B 90 04 068 |                 | B 90 04 167                 | B 90 04 168 |                 |
|                  | 68                 | 43 | 18 | 45.00 x 27.85          | TPE               |  | B 90 04 077                 | B 90 04 078 |                 | B 90 04 177                 | B 90 04 178 |                 |
|                  | 68                 | 43 | 18 | 45.00 x 27.85          | TPE               |  | B 90 04 087                 | B 90 04 088 |                 | B 90 04 187                 | B 90 04 188 |                 |
|                  | 68                 | 43 | 18 | 45.00 x 27.85          | PMMA              |  |                             |             |                 |                             |             |                 |

## ACCESSORIES

|  | Article                     | For enclosure<br>MINITEC | Version / Application                                    | Part-No.    |
|--|-----------------------------|--------------------------|----------------------------------------------------------|-------------|
|  | ① Key ring                  | E / D                    | nickel-plated, ø 20.5 mm                                 | A 91 64 001 |
|  | ② Carrying strap "Metallic" | E / D                    | silver with plastic sheath, approx. 860 mm long          | B 91 00 011 |
|  | ③ Carrying strap "Reflex"   | E / D                    | silver/black with quick-action lock, approx. 860 mm long | B 91 00 022 |
|  | ④ Wrist strap               | E (2 strap loops)        | elastic belt with velcro, black, approx. 280 mm long     | B 91 00 033 |

\*1 cases made of PMMA (plexiglass®) not comparable to cases made of ABS in terms of mechanical load-bearing capacity

**NEW PRODUCT**