



# Bocard

Modular enclosure system  
which adapts perfectly  
to almost every requirement

- 8 sizes
- UL 94 V0 types on request
- 6 different fronts
- Optional terminal compartment, flexible positioning, separable
- Comprehensive range of accessories allows versatile applications



|                           |                                                                                                 |
|---------------------------|-------------------------------------------------------------------------------------------------|
| <b>Colour</b>             | Graphite grey, similar to RAL 7024; light grey, similar to RAL 7035; special colours on request |
| <b>Protection class</b>   | Up to IP 65/DIN EN 60529, depending on the model                                                |
| <b>Enclosure material</b> | ABS, PC; seal: CR; UL 94 V0 types on request; for details see Technical Information.            |

Depending on the model, the enclosures are available in RAL 7035, RAL 7024, or two colours can be combined.

To simplify choice, there is a selection of possible enclosure configurations in the following Bocard enclosure variants chapter. The variants are listed in two colour combinations: lid and base in light grey, and light grey base with a graphite grey lid. Of course, we can also supply these combinations completely in graphite grey.

If these complete sets are ordered, delivery is in the form of individual components. We also offer complete assembly on request. The separate enclosure components are listed after the configurations in order to combine individual variants. Detailed information on the individual enclosure components can be found on the following pages.

The range of accessories allows the enclosures to be used as wall-mounted, desktop, console, DIN rail or mobile enclosures.

Wall-mounting is by means of the integrated 4-point wall fitting or with WL wall brackets (accessories).

Fitting onto a top hat rail DIN EN 60715 TH is possible by means of the DIN rail holder up to size BCD 250 (accessories).

In combination with the WB wall-mounting fastening bracket (accessories), the enclosure can be used as an angled wall-mounted or console unit. The snap-on, swivelling handle can also be used for console applications.

Adaptable handle elements for use as a mobile enclosure are available for sizes BCD 160 – 250.





**UT-0.5:** The flat bases in combination with the membrane lid are ideal for use as mobile operating devices. For ergonomic handling, additional handle elements can be fitted on the rear and also cover the existing mounting openings. The fixing contours for the hinged lid which are moulded onto the base are also concealed by the cover (enclosed).



**UT:** All bases have plug-in slots and fixing domes for circuit boards, mounting panels or DIN rails. As an option, a variable terminal compartment can be integrated and isolated from the electronics compartment. The external surfaces have no pre-punchings, so individual arrangement of cable entries or connections is possible. Depending on the installation side which is used, fitted cable glands are partially concealed.



**OT-G:** This lid consists of a crystal-clear lid with a frame in light grey or graphite grey which contains the hinge and the snap-lock mechanism.

The OT-FSC lid consists of a membrane lid in light grey or graphite grey and has a recessed area for the fitting of membrane keypads. Both types can be opened to more than 180°, with an intermediate detent position of more than 90°. This prevents the open lid from closing in an uncontrolled manner. The catch is not necessary for manual opening. Alternatively, the blind plug can be inserted to improve the appearance (catch and blind plug are included in the scope of delivery). If the catch is used, the enclosure can only be opened with a tool (slotted-head screwdriver). A cylinder lock (accessories) can also be fitted as an option.

Protection class: IP 65.



**UT-F:** This plain membrane lid has a recessed area for mounting membrane keypads. Use screws to fit the base. Mounting bosses underneath allow the mounting of circuit boards or mounting panels. A separate terminal compartment can be created using partitions. Ingress protection: IP 65.



**FO-K:** The FO-K frame is used for edge covering of a front panel (FP...K) and a terminal compartment. The integrated terminal compartment lid has a 1.5 mm recessed area for the fitting of membrane keypads. The frame is pushed onto the base, pressed tight in 2 places, and screwed to the terminal compartment. In connection with base and front panel: protection class IP 40.



**FO:** The FO frame is used for edge covering of a continuous front panel (FP). Mounting on the base is by clipping-on and pressing tight. In connection with base and front panel: protection class IP 40.



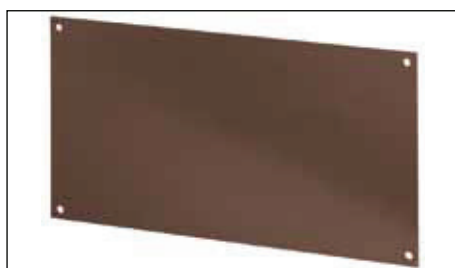
**FP:** Front panel, aluminium or plastic. The FP...K version must be used for enclosures with a terminal compartment, and the FP...BK version for enclosures with two terminal compartments.



**KRD:** By using partitions and front panels, a terminal compartment can be created and closed on the front with the KRD. The terminal compartment can be positioned as required on the locking or hinged side or on both sides at the same time. Mounting of the KRD is by hooking in and screwing. The terminal compartment lid is available in light or graphite grey. The KRD is mounted inside the sealed area, so the protection class is retained. The terminal compartment lid has a recessed area for the mounting of membrane keypads.



**TP-F:** Laminated paper partition for sealing off the electronics compartment if a membrane lid is required in connection with a terminal compartment.



Laminated paper panel for dividing a terminal compartment. The partition is inserted and fixed using TP-F or front panel.



The wall-mounting fastening bracket (WB) is made of powder-coated sheet steel. It is screwed on the rear to the base. Easy wall fitting is guaranteed. As an alternative, with the help of this bracket the Bocard can also be used as a console enclosure.



The swivelling handle (fixed lock-in position every 15°) permits use as both a carrying and set-up bow for desktop application. Anti-slip elements are fitted to the side sections of the handle, ensuring non-slip properties and stability.



With the swivelling BCD...UWB wall fitting, an enclosure with a flat base can be mounted on a wall in its optimal position.

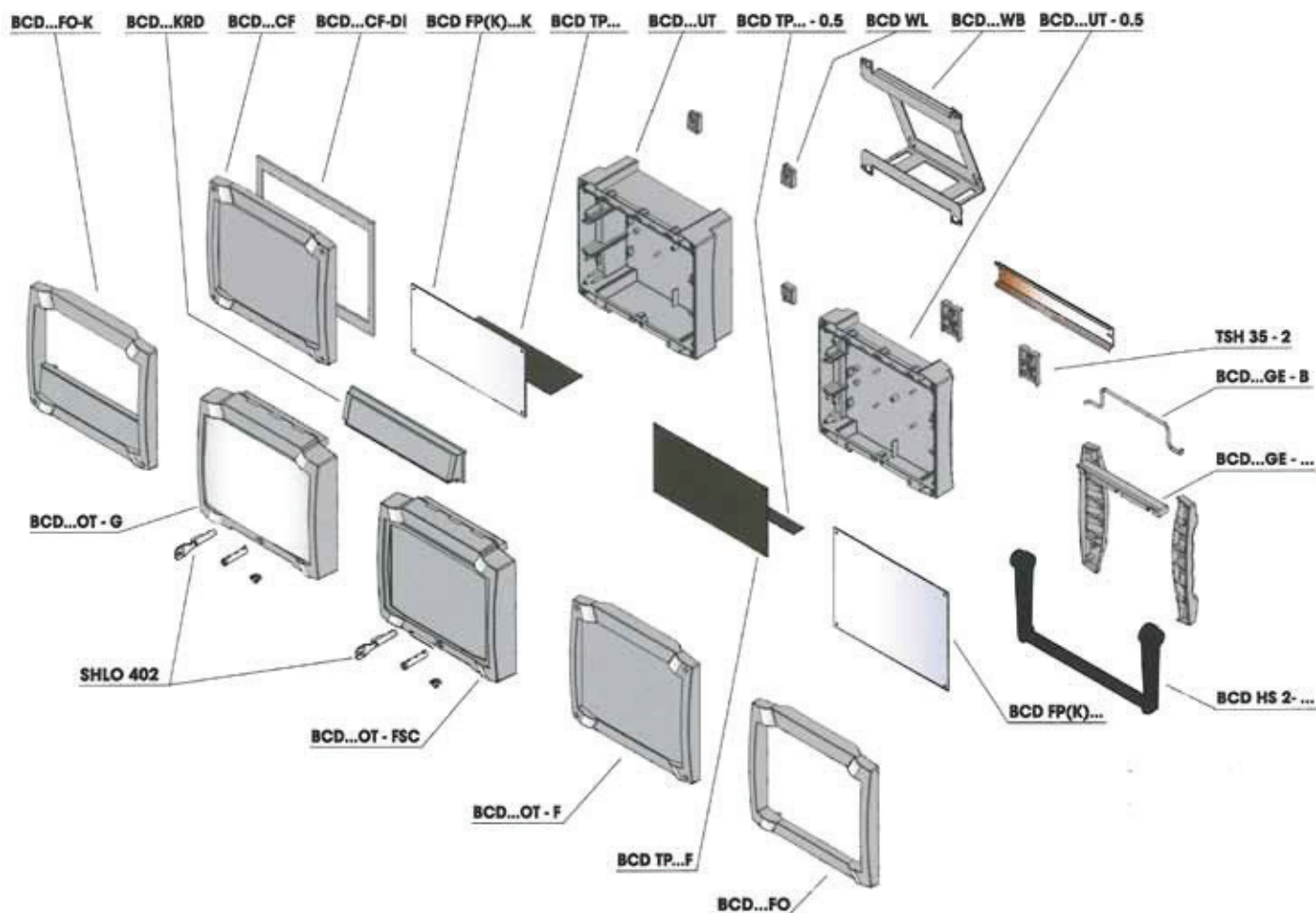


**CF:** The installation area has a recessed section for mounting membrane keypads. It can be screwed to a rear panel with four screws. Ingress protection IP 65 to the installation front can be achieved with the optional seal. Cannot be combined with Bocard bases.



Size information for the complete sets.

#### Bocard overview:



# Bocard enclosure variants

## High enclosure, with crystal-clear hinged lid, without terminal compartment, IP 65

| Model               | Order no. | A   | B   | C     |
|---------------------|-----------|-----|-----|-------|
| BCD 160 Set 01-7035 | 20163501  | 179 | 199 | 106,5 |
| BCD 200 Set 01-7035 | 20203501  | 204 | 229 | 116   |
| BCD 250 Set 01-7035 | 20253501  | 234 | 264 | 141   |
| BCD 310 Set 01-7035 | 20313501  | 289 | 324 | 145,2 |
| BCD 400 Set 01-7035 | 20403501  | 344 | 404 | 160,5 |

Scope of delivery: 1 x BCD... UT-7035, 1 x BCD... OT-G-7035

Colour combination: Base light grey, lid frame light grey

Note: See following pages for accessories.



## High enclosure, with crystal-clear hinged lid, without terminal compartment, IP 65

| Model               | Order no. | A   | B   | C     |
|---------------------|-----------|-----|-----|-------|
| BCD 160 Set 01-7024 | 20162401  | 179 | 199 | 106,5 |
| BCD 200 Set 01-7024 | 20202401  | 204 | 229 | 116   |
| BCD 250 Set 01-7024 | 20252401  | 234 | 264 | 141   |
| BCD 310 Set 01-7024 | 20312401  | 289 | 324 | 145,2 |
| BCD 400 Set 01-7024 | 20402401  | 344 | 404 | 160,5 |

Scope of delivery: 1 x BCD... UT-7035, 1 x BCD... OT-G-7024

Colour combination: Base light grey, lid frame graphite grey

Note: See following pages for accessories.

## Flat enclosure, with crystal-clear hinged lid, without terminal compartment, IP 65

| Model               | Order no. | A   | B   | C     |
|---------------------|-----------|-----|-----|-------|
| BCD 160 Set 02-7035 | 20163502  | 179 | 199 | 71,5  |
| BCD 200 Set 02-7035 | 20203502  | 204 | 229 | 76    |
| BCD 250 Set 02-7035 | 20253502  | 234 | 264 | 86    |
| BCD 310 Set 02-7035 | 20313502  | 289 | 324 | 111,2 |
| BCD 400 Set 02-7035 | 20403502  | 344 | 404 | 112   |

Scope of delivery: 1 x BCD... UT-0,5-7035, 1 x BCD... OT-G-7035

Colour combination: Base light grey, lid frame light grey

Note: See following pages for accessories.



## Flat enclosure, with crystal-clear hinged lid, without terminal compartment, IP 65

| Model               | Order no. | A   | B   | C     |
|---------------------|-----------|-----|-----|-------|
| BCD 160 Set 02-7024 | 20162402  | 179 | 199 | 71,5  |
| BCD 200 Set 02-7024 | 20202402  | 204 | 229 | 76    |
| BCD 250 Set 02-7024 | 20252402  | 234 | 264 | 86    |
| BCD 310 Set 02-7024 | 20312402  | 289 | 324 | 111,2 |
| BCD 400 Set 02-7024 | 20402402  | 344 | 404 | 112   |

Scope of delivery: 1 x BCD... UT-0,5-7035, 1 x BCD... OT-G-7024

Colour combination: Base light grey, lid frame graphite grey

Note: See following pages for accessories.

## Bocard enclosure variants



### High enclosure, with crystal-clear hinged lid, for 1 terminal compartment, IP 65

| Model               | Order no. | A   | B   | C     |
|---------------------|-----------|-----|-----|-------|
| BCD 160 Set 03-7035 | 20163503  | 179 | 199 | 106,5 |
| BCD 200 Set 03-7035 | 20203503  | 204 | 229 | 116   |
| BCD 250 Set 03-7035 | 20253503  | 234 | 264 | 141   |
| BCD 310 Set 03-7035 | 20313503  | 289 | 324 | 145,2 |
| BCD 400 Set 03-7035 | 20403503  | 344 | 404 | 160,5 |

Scope of delivery: 1 x BCD... UT-7035, 1 x BCD... OT-G-7035, 1 x BCD... KRD-7035

Colour combination: Base light grey, lid frame light grey

Note: See following pages for accessories.

### High enclosure, with crystal-clear hinged lid, for 1 terminal compartment, IP 65

| Model               | Order no. | A   | B   | C     |
|---------------------|-----------|-----|-----|-------|
| BCD 160 Set 03-7024 | 20162403  | 179 | 199 | 106,5 |
| BCD 200 Set 03-7024 | 20202403  | 204 | 229 | 116   |
| BCD 250 Set 03-7024 | 20252403  | 234 | 264 | 141   |
| BCD 310 Set 03-7024 | 20312403  | 289 | 324 | 145,2 |
| BCD 400 Set 03-7024 | 20402403  | 344 | 404 | 160,5 |

Scope of delivery: 1 x BCD... UT-7035, 1 x BCD... OT-G-7024, 1 x BCD... KRD-7024

Colour combination: Base light grey, lid frame graphite grey

Note: See following pages for accessories.



### Flat enclosure, with crystal-clear hinged lid, for 1 terminal compartment, IP 65

| Model               | Order no. | A   | B   | C     |
|---------------------|-----------|-----|-----|-------|
| BCD 160 Set 04-7035 | 20163504  | 179 | 199 | 71,5  |
| BCD 200 Set 04-7035 | 20203504  | 204 | 229 | 76    |
| BCD 250 Set 04-7035 | 20253504  | 234 | 264 | 86    |
| BCD 310 Set 04-7035 | 20313504  | 289 | 324 | 111,2 |
| BCD 400 Set 04-7035 | 20403504  | 344 | 404 | 112   |

Scope of delivery: 1 x BCD... UT-0,5-7035, 1 x BCD... OT-G-7035, 1 x BCD... KRD-7035

Colour combination: Base light grey, lid frame light grey

Note: See following pages for accessories.

### Flat enclosure, with crystal-clear hinged lid, for 1 terminal compartment, IP 65

| Model               | Order no. | A   | B   | C     |
|---------------------|-----------|-----|-----|-------|
| BCD 160 Set 04-7024 | 20162404  | 179 | 199 | 71,5  |
| BCD 200 Set 04-7024 | 20202404  | 204 | 229 | 76    |
| BCD 250 Set 04-7024 | 20252404  | 234 | 264 | 86    |
| BCD 310 Set 04-7024 | 20312404  | 289 | 324 | 111,2 |
| BCD 400 Set 04-7024 | 20402404  | 344 | 404 | 112   |

Scope of delivery: 1 x BCD... UT-0,5-7035, 1 x BCD... OT-G-7024, 1 x BCD... KRD-7024

Colour combination: Base light grey, lid frame graphite grey

Note: See following pages for accessories.

# Bocard enclosure variants

## High enclosure, with crystal-clear hinged lid, for 2 terminal compartments, IP 65

| Model               | Order no. | A   | B   | C     |
|---------------------|-----------|-----|-----|-------|
| BCD 160 Set 05-7035 | 20163505  | 179 | 199 | 106,5 |
| BCD 200 Set 05-7035 | 20203505  | 204 | 229 | 116   |
| BCD 250 Set 05-7035 | 20253505  | 234 | 264 | 141   |
| BCD 310 Set 05-7035 | 20313505  | 289 | 324 | 145,2 |
| BCD 400 Set 05-7035 | 20403505  | 344 | 404 | 160,5 |

Scope of delivery: 1 x BCD... UT-7035, 1 x BCD... OT-G-7035, 2 x BCD... KRD-7035

Colour combination: Base light grey, lid frame light grey

Note: See following pages for accessories.



## High enclosure, with crystal-clear hinged lid, for 2 terminal compartments, IP 65

| Model               | Order no. | A   | B   | C     |
|---------------------|-----------|-----|-----|-------|
| BCD 160 Set 05-7024 | 20162405  | 179 | 199 | 106,5 |
| BCD 200 Set 05-7024 | 20202405  | 204 | 229 | 116   |
| BCD 250 Set 05-7024 | 20252405  | 234 | 264 | 141   |
| BCD 310 Set 05-7024 | 20312405  | 289 | 324 | 145,2 |
| BCD 400 Set 05-7024 | 20402405  | 344 | 404 | 160,5 |

Scope of delivery: 1 x BCD... UT-7035, 1 x BCD... OT-G-7024, 2 x BCD... KRD-7024

Colour combination: Base light grey, lid frame graphite grey

Note: See following pages for accessories.

## Flat enclosure, with crystal-clear hinged lid, for 2 terminal compartments, IP 65

| Model               | Order no. | A   | B   | C     |
|---------------------|-----------|-----|-----|-------|
| BCD 160 Set 06-7035 | 20163506  | 179 | 199 | 71,5  |
| BCD 200 Set 06-7035 | 20203506  | 204 | 229 | 76    |
| BCD 250 Set 06-7035 | 20253506  | 234 | 264 | 86    |
| BCD 310 Set 06-7035 | 20313506  | 289 | 324 | 111,2 |
| BCD 400 Set 06-7035 | 20403506  | 344 | 404 | 112   |

Scope of delivery: 1 x BCD... UT-0,5-7035, 1 x BCD... OT-G-7035, 2 x BCD... KRD-7035

Colour combination: Base light grey, lid frame light grey

Note: See following pages for accessories.



## Flat enclosure, with crystal-clear hinged lid, for 2 terminal compartments, IP 65

| Model               | Order no. | A   | B   | C     |
|---------------------|-----------|-----|-----|-------|
| BCD 160 Set 06-7024 | 20162406  | 179 | 199 | 71,5  |
| BCD 200 Set 06-7024 | 20202406  | 204 | 229 | 76    |
| BCD 250 Set 06-7024 | 20252406  | 234 | 264 | 86    |
| BCD 310 Set 06-7024 | 20312406  | 289 | 324 | 111,2 |
| BCD 400 Set 06-7024 | 20402406  | 344 | 404 | 112   |

Scope of delivery: 1 x BCD... UT-0,5-7035, 1 x BCD... OT-G-7024, 2 x BCD... KRD-7024

Colour combination: Base light grey, lid frame graphite grey

Note: See following pages for accessories.

## Bocard enclosure variants



### High enclosure, with open front frame without terminal compartment

| Model               | Order no. | A   | B   | C   |
|---------------------|-----------|-----|-----|-----|
| BCD 160 Set 07-7035 | 20163507  | 178 | 199 | 89  |
| BCD 200 Set 07-7035 | 20203507  | 203 | 229 | 99  |
| BCD 250 Set 07-7035 | 20253507  | 233 | 264 | 124 |

Scope of delivery: 1 x BCD... UT-7035, 1 x BCD... FO-7035

Colour combination: Base light grey, front frame light grey

Note: See following pages for accessories.

### High enclosure, with open front frame without terminal compartment

| Model               | Order no. | A   | B   | C   |
|---------------------|-----------|-----|-----|-----|
| BCD 160 Set 07-7024 | 20162407  | 178 | 199 | 89  |
| BCD 200 Set 07-7024 | 20202407  | 203 | 229 | 99  |
| BCD 250 Set 07-7024 | 20252407  | 233 | 264 | 124 |

Scope of delivery: 1 x BCD... UT-7035, 1 x BCD... FO-7024

Colour combination: Base light grey, front frame graphite grey

Note: See following pages for accessories.



### Flat enclosure, with open front frame, without terminal compartment

| Model               | Order no. | A   | B   | C  |
|---------------------|-----------|-----|-----|----|
| BCD 160 Set 08-7035 | 20163508  | 178 | 199 | 54 |
| BCD 200 Set 08-7035 | 20203508  | 203 | 229 | 59 |
| BCD 250 Set 08-7035 | 20253508  | 233 | 264 | 69 |

Scope of delivery: 1 x BCD... UT-0,5-7035, 1 x BCD... FO-7035

Colour combination: Base light grey, front frame light grey

Note: See following pages for accessories.

### Flat enclosure, with open front frame, without terminal compartment

| Model               | Order no. | A   | B   | C  |
|---------------------|-----------|-----|-----|----|
| BCD 160 Set 08-7024 | 20162408  | 178 | 199 | 54 |
| BCD 200 Set 08-7024 | 20202408  | 203 | 229 | 59 |
| BCD 250 Set 08-7024 | 20252408  | 233 | 264 | 69 |

Scope of delivery: 1 x BCD... UT-0,5-7035, 1 x BCD... FO-7024

Colour combination: Base light grey, lid frame graphite grey

Note: See following pages for accessories.

# Bocard enclosure variants

## High enclosure, with front frame open, incl. terminal compartment cover, graphite grey

| Model               | Order no. | A   | B   | C   |
|---------------------|-----------|-----|-----|-----|
| BCD 160 Set 09-7035 | 20163509  | 178 | 199 | 89  |
| BCD 200 Set 09-7035 | 20203509  | 203 | 229 | 99  |
| BCD 250 Set 09-7035 | 20253509  | 233 | 264 | 124 |

Scope of delivery: 1 x BCD... UT-7035, 1 x BCD... FO-K-7035

Colour combination: Base light grey, front frame light grey

Note: See following pages for accessories.



## High enclosure, with front frame open, incl. terminal compartment cover, graphite grey

| Model               | Order no. | A   | B   | C   |
|---------------------|-----------|-----|-----|-----|
| BCD 160 Set 09-7024 | 20162409  | 178 | 199 | 89  |
| BCD 200 Set 09-7024 | 20202409  | 203 | 229 | 99  |
| BCD 250 Set 09-7024 | 20252409  | 233 | 264 | 124 |

Scope of delivery: 1 x BCD... UT-7035, 1 x BCD... FO-K-7024

Colour combination: Base light grey, lid frame graphite grey

Note: See following pages for accessories.

## Flat enclosure, with front frame open, incl. terminal compartment cover, graphite grey

| Model               | Order no. | A   | B   | C  |
|---------------------|-----------|-----|-----|----|
| BCD 160 Set 10-7035 | 20163510  | 178 | 199 | 54 |
| BCD 200 Set 10-7035 | 20203510  | 203 | 229 | 59 |
| BCD 250 Set 10-7035 | 20253510  | 233 | 264 | 69 |

Scope of delivery: 1 x BCD... UT-0,5-7035, 1 x BCD... FO-K-7035

Colour combination: Base light grey, front frame light grey

Note: See following pages for accessories.



## Flat enclosure, with front frame open, incl. terminal compartment cover, graphite grey

| Model               | Order no. | A   | B   | C  |
|---------------------|-----------|-----|-----|----|
| BCD 160 Set 10-7024 | 20162410  | 178 | 199 | 54 |
| BCD 200 Set 10-7024 | 20202410  | 203 | 229 | 59 |
| BCD 250 Set 10-7024 | 20252410  | 233 | 264 | 69 |

Scope of delivery: 1 x BCD... UT-0,5-7035, 1 x BCD... FO-K-7024

Colour combination: Base light grey, lid frame graphite grey

Note: See following pages for accessories.

## Bocard enclosure variants



### High enclosure, with membrane lid, IP 65

| Model               | Order no. | A   | B   | C   |
|---------------------|-----------|-----|-----|-----|
| BCD 160 Set 11-7035 | 20163511  | 178 | 199 | 89  |
| BCD 200 Set 11-7035 | 20203511  | 203 | 229 | 99  |
| BCD 250 Set 11-7035 | 20253511  | 233 | 264 | 124 |

Scope of delivery: 1 x BCD... UT-7035, 1 x BCD... OT-F-7035

Colour combination: Base light grey, front lid light grey

Note: See following pages for accessories.

### High enclosure, with membrane lid, IP 65

| Model               | Order no. | A   | B   | C   |
|---------------------|-----------|-----|-----|-----|
| BCD 160 Set 11-7024 | 20162411  | 178 | 199 | 89  |
| BCD 200 Set 11-7024 | 20202411  | 203 | 229 | 99  |
| BCD 250 Set 11-7024 | 20252411  | 233 | 264 | 124 |

Scope of delivery: 1 x BCD... UT-7035, 1 x BCD... OT-F-7024

Colour combination: Base light grey, front lid graphite grey

Note: See following pages for accessories.



### Flat enclosure, with membrane lid, IP 65

| Model               | Order no. | A   | B   | C  |
|---------------------|-----------|-----|-----|----|
| BCD 160 Set 12-7035 | 20163512  | 178 | 199 | 54 |
| BCD 200 Set 12-7035 | 20203512  | 203 | 229 | 59 |
| BCD 250 Set 12-7035 | 20253512  | 233 | 264 | 69 |

Scope of delivery: 1 x BCD... UT-0,5-7035, 1 x BCD... OT-F-7035

Colour combination: Base light grey, front lid light grey

Note: See following pages for accessories.

### Flat enclosure, with membrane lid, IP 65

| Model               | Order no. | A   | B   | C  |
|---------------------|-----------|-----|-----|----|
| BCD 160 Set 12-7024 | 20162412  | 178 | 199 | 54 |
| BCD 200 Set 12-7024 | 20202412  | 203 | 229 | 59 |
| BCD 250 Set 12-7024 | 20252412  | 233 | 264 | 69 |

Scope of delivery: 1 x BCD... UT-0,5-7035, 1 x BCD... OT-F-7024

Colour combination: Base light grey, front lid graphite grey

Note: See following pages for accessories.

# Bocard enclosure variants

## High enclosure, with hinged membrane lid, IP 65

| Model               | Order no. | A   | B   | C     |
|---------------------|-----------|-----|-----|-------|
| BCD 160 Set 13-7035 | 20163513  | 179 | 199 | 106,5 |
| BCD 200 Set 13-7035 | 20203513  | 204 | 229 | 116   |
| BCD 250 Set 13-7035 | 20253513  | 234 | 264 | 141   |
| BCD 310 Set 13-7035 | 20313513  | 289 | 324 | 145,2 |
| BCD 400 Set 13-7035 | 20403513  | 344 | 404 | 160,5 |

Scope of delivery: 1 x BCD... UT-7035, 1 x BCD... OT-FSC-7035

Colour combination: Base light grey, front lid light grey

Note: See following pages for accessories.



## High enclosure, with hinged membrane lid, IP 65

| Model               | Order no. | A   | B   | C     |
|---------------------|-----------|-----|-----|-------|
| BCD 160 Set 13-7024 | 20162413  | 179 | 199 | 106,5 |
| BCD 200 Set 13-7024 | 20202413  | 204 | 229 | 116   |
| BCD 250 Set 13-7024 | 20252413  | 234 | 264 | 141   |
| BCD 310 Set 13-7024 | 20312413  | 289 | 324 | 145,2 |
| BCD 400 Set 13-7024 | 20402413  | 344 | 404 | 160,5 |

Scope of delivery: 1 x BCD... UT-7035, 1 x BCD... OT-FSC-7024

Colour combination: Base light grey, front lid graphite grey

Note: See following pages for accessories.

## Flat enclosure, with hinged membrane lid, IP 65

| Model               | Order no. | A   | B   | C     |
|---------------------|-----------|-----|-----|-------|
| BCD 160 Set 14-7035 | 20163514  | 179 | 199 | 71,5  |
| BCD 200 Set 14-7035 | 20203514  | 204 | 229 | 76    |
| BCD 250 Set 14-7035 | 20253514  | 234 | 264 | 86    |
| BCD 310 Set 14-7035 | 20313514  | 289 | 324 | 111,2 |
| BCD 400 Set 14-7035 | 20403514  | 344 | 404 | 112   |

Scope of delivery: 1 x BCD... UT-0,5-7035, 1 x BCD... OT-FSC-7035

Colour combination: Base light grey, front lid light grey

Note: See following pages for accessories.



## Flat enclosure, with hinged membrane lid, IP 65

| Model               | Order no. | A   | B   | C     |
|---------------------|-----------|-----|-----|-------|
| BCD 160 Set 14-7024 | 20162414  | 179 | 199 | 71,5  |
| BCD 200 Set 14-7024 | 20202414  | 204 | 229 | 76    |
| BCD 250 Set 14-7024 | 20252414  | 234 | 264 | 86    |
| BCD 310 Set 14-7024 | 20312414  | 289 | 324 | 111,2 |
| BCD 400 Set 14-7024 | 20402414  | 344 | 404 | 112   |

Scope of delivery: 1 x BCD... UT-0,5-7035, 1 x BCD... OT-FSC-7024

Colour combination: Base light grey, front lid graphite grey

Note: See following pages for accessories.

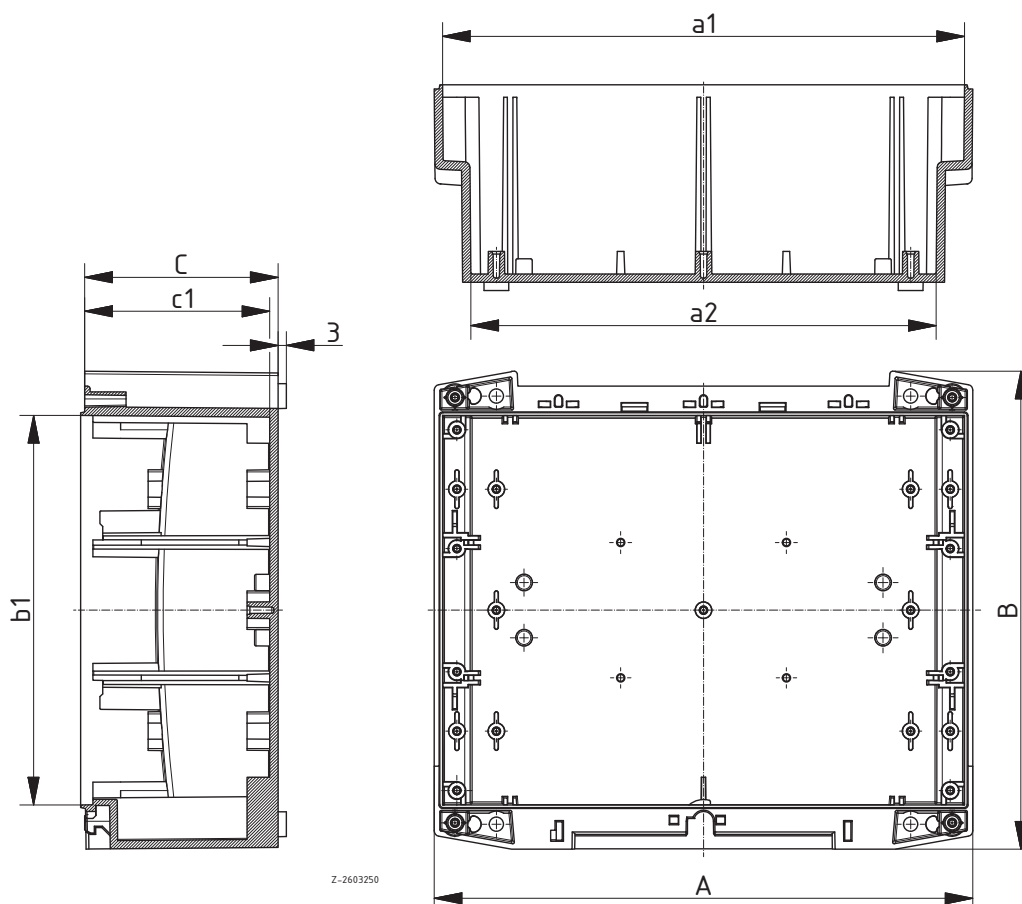


## Bocard bases

### Base, high

| Model           | Order no. | A   | B   | C   | a1  | a2    | b1  | c1    | Colour        |
|-----------------|-----------|-----|-----|-----|-----|-------|-----|-------|---------------|
| BCD 160 UT-7035 | 20160135  | 195 | 173 | 70  | 189 | 168,5 | 141 | 67    | Light grey    |
| BCD 160 UT-7024 | 20160124  | 195 | 173 | 70  | 189 | 168,5 | 141 | 67    | Graphite grey |
| BCD 200 UT-7035 | 20200135  | 225 | 198 | 80  | 219 | 198,3 | 166 | 77    | Light grey    |
| BCD 200 UT-7024 | 20200124  | 225 | 198 | 80  | 219 | 198,3 | 166 | 77    | Graphite grey |
| BCD 250 UT-7035 | 20250135  | 260 | 228 | 105 | 254 | 232,8 | 196 | 102   | Light grey    |
| BCD 250 UT-7024 | 20250124  | 260 | 228 | 105 | 254 | 232,8 | 196 | 102   | Graphite grey |
| BCD 310 UT-7035 | 20310135  | 320 | 283 | 105 | 312 | 290,8 | 243 | 101   | Light grey    |
| BCD 400 UT-7035 | 20400135  | 400 | 338 | 120 | 391 | 369,6 | 297 | 115,5 | Light grey    |

Scope of delivery: 1 Base, high



Z-2603250

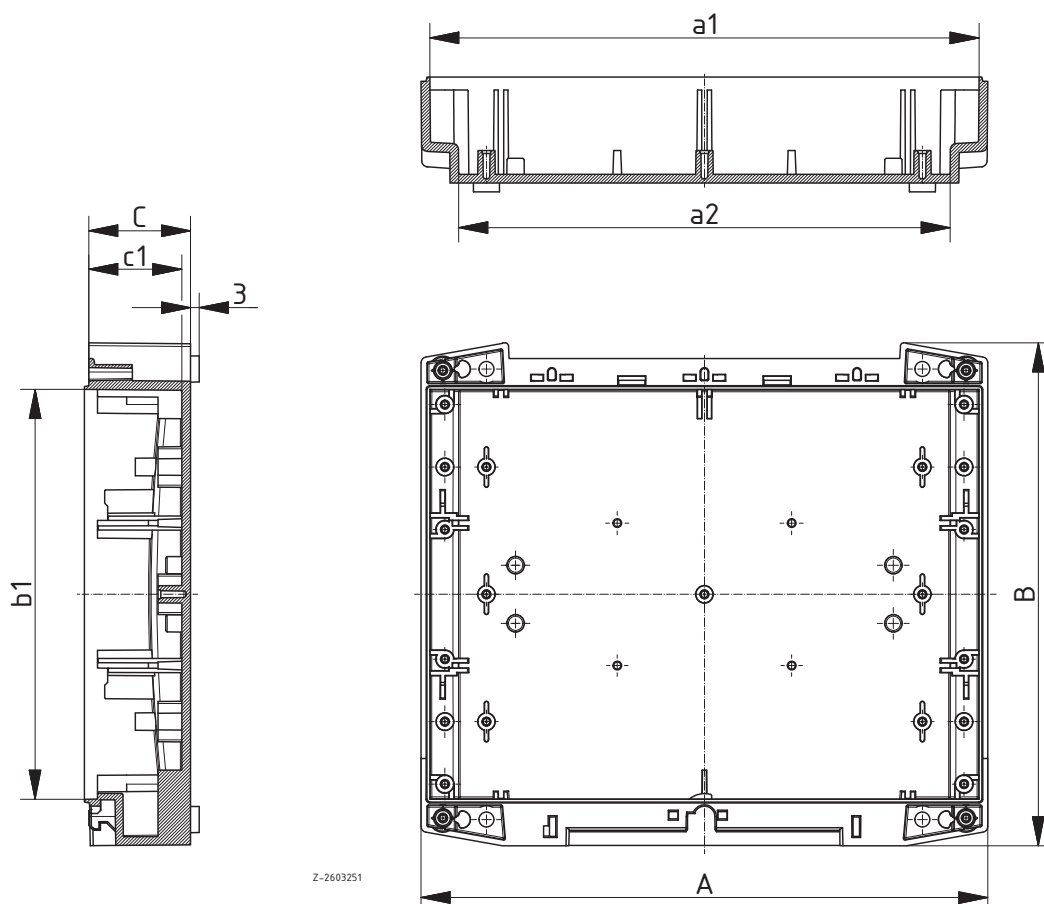
# Bocard bases



## Base, flat

| Model               | Order no. | A   | B   | C    | a1  | a2    | b1  | c1 | Colour        |
|---------------------|-----------|-----|-----|------|-----|-------|-----|----|---------------|
| BCD 160 UT-0,5-7035 | 20160235  | 195 | 173 | 35   | 189 | 169   | 141 | 32 | Light grey    |
| BCD 160 UT-0,5-7024 | 20160224  | 195 | 173 | 35   | 189 | 169   | 141 | 32 | Graphite grey |
| BCD 200 UT-0,5-7035 | 20200235  | 225 | 198 | 40   | 219 | 199   | 166 | 37 | Light grey    |
| BCD 200 UT-0,5-7024 | 20200224  | 225 | 198 | 40   | 219 | 199   | 166 | 37 | Graphite grey |
| BCD 250 UT-0,5-7035 | 20250235  | 260 | 228 | 50   | 254 | 233,8 | 196 | 47 | Light grey    |
| BCD 250 UT-0,5-7024 | 20250224  | 260 | 228 | 50   | 254 | 233,8 | 196 | 47 | Graphite grey |
| BCD 310 UT-0,5-7035 | 20310235  | 320 | 283 | 71   | 312 | 291,4 | 243 | 67 | Light grey    |
| BCD 400 UT-0,5-7035 | 20400235  | 400 | 338 | 71,5 | 391 | 370,5 | 297 | 67 | Light grey    |

Scope of delivery: 1 Base, flat



Z-2603251

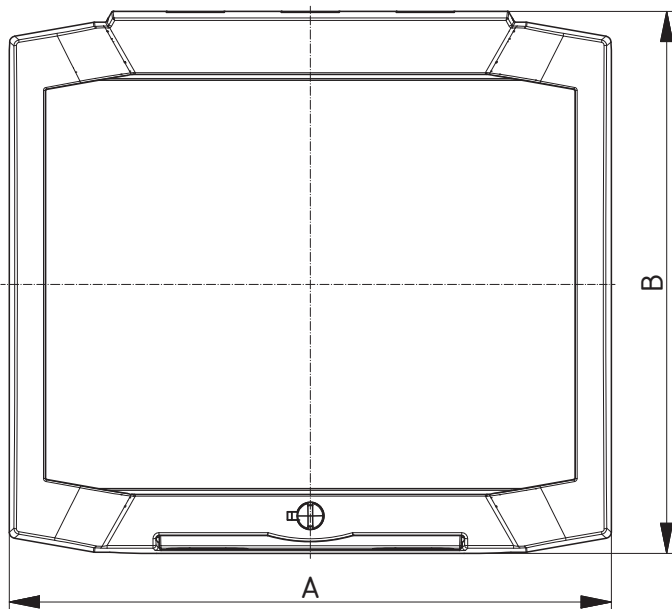
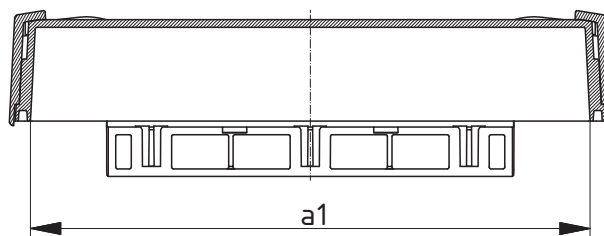
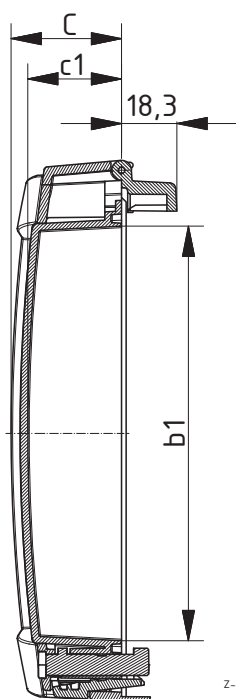
## Bocard lids



Hinged front lid, crystal-clear

| Model             | Order no. | A   | B     | C    | a1  | b1  | c1   | Colour        |
|-------------------|-----------|-----|-------|------|-----|-----|------|---------------|
| BCD 160 OT-G-7035 | 20161035  | 199 | 179,2 | 36,5 | 185 | 137 | 31   | Light grey    |
| BCD 160 OT-G-7024 | 20161024  | 199 | 179,2 | 36,5 | 185 | 137 | 31   | Graphite grey |
| BCD 200 OT-G-7035 | 20201035  | 229 | 204,2 | 36,1 | 215 | 162 | 31,8 | Light grey    |
| BCD 200 OT-G-7024 | 20201024  | 229 | 204,2 | 36,1 | 215 | 162 | 31,8 | Graphite grey |
| BCD 250 OT-G-7035 | 20251035  | 264 | 234,2 | 36   | 250 | 192 | 31,9 | Light grey    |
| BCD 250 OT-G-7024 | 20251024  | 264 | 234,2 | 36   | 250 | 192 | 31,9 | Graphite grey |
| BCD 310 OT-G-7035 | 20311035  | 324 | 289,2 | 37,2 | 308 | 239 | 31,7 | Light grey    |
| BCD 310 OT-G-7024 | 20311024  | 324 | 289,2 | 37,2 | 308 | 239 | 31,7 | Graphite grey |
| BCD 400 OT-G-7035 | 20401035  | 404 | 344,2 | 37,5 | 387 | 293 | 31,5 | Light grey    |
| BCD 400 OT-G-7024 | 20401024  | 404 | 344,2 | 37,5 | 387 | 293 | 31,5 | Graphite grey |

Scope of delivery: 1 front lid, hinged, 1 catch, 1 blind plug



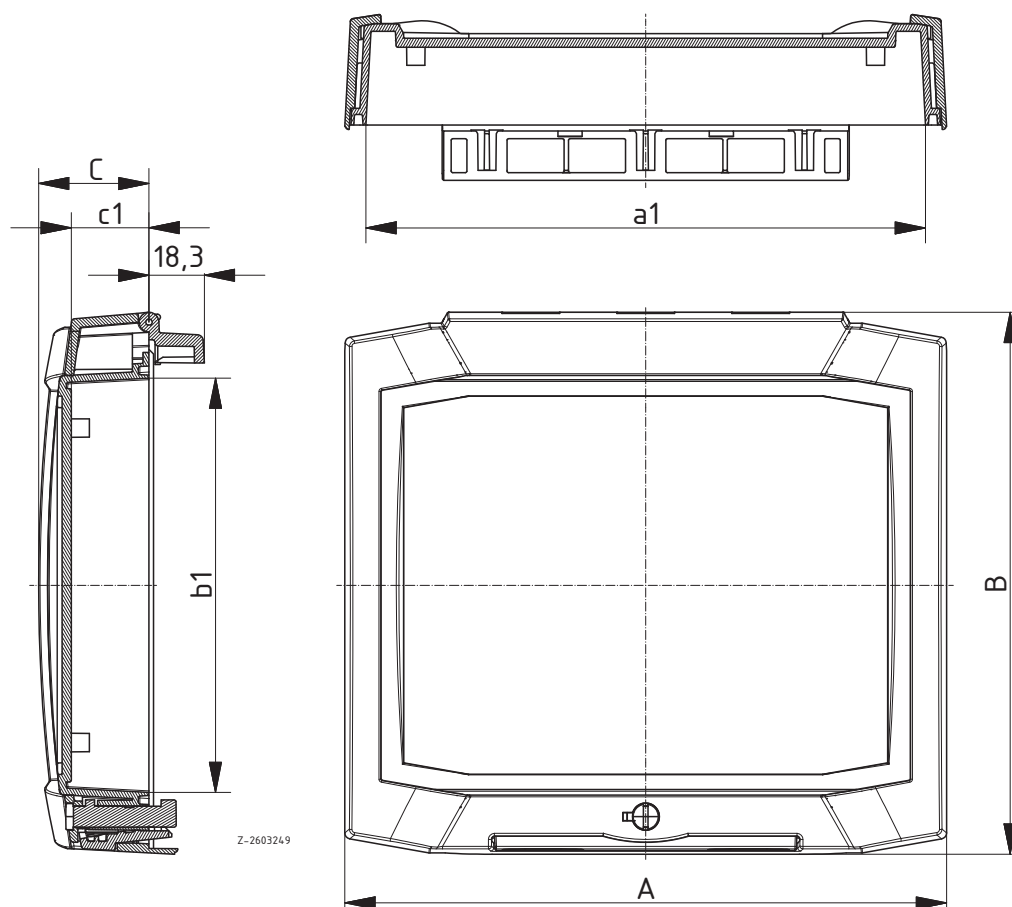
Z-2603248

# Bocard lids

## Hinged front lid with membrane keypad area

| Model               | Order no. | A   | B     | C    | a1  | b1  | c1   | Colour        |
|---------------------|-----------|-----|-------|------|-----|-----|------|---------------|
| BCD 160 OT-FSC-7035 | 20161535  | 199 | 179,2 | 36,5 | 185 | 137 | 25,7 | Light grey    |
| BCD 160 OT-FSC-7024 | 20161524  | 199 | 179,2 | 36,5 | 185 | 137 | 25,7 | Graphite grey |
| BCD 200 OT-FSC-7035 | 20201535  | 229 | 204,2 | 36,1 | 215 | 162 | 25,7 | Light grey    |
| BCD 200 OT-FSC-7024 | 20201524  | 229 | 204,2 | 36,1 | 215 | 162 | 25,7 | Graphite grey |
| BCD 250 OT-FSC-7035 | 20251535  | 264 | 234,2 | 36   | 250 | 192 | 25,7 | Light grey    |
| BCD 250 OT-FSC-7024 | 20251524  | 264 | 234,2 | 36   | 250 | 192 | 25,7 | Graphite grey |
| BCD 310 OT-FSC-7035 | 20311535  | 324 | 289,2 | 37,2 | 308 | 239 | 25,2 | Light grey    |
| BCD 310 OT-FSC-7024 | 20311524  | 324 | 289,2 | 37,2 | 308 | 239 | 25,2 | Graphite grey |
| BCD 400 OT-FSC-7035 | 20401535  | 404 | 344,2 | 37,5 | 387 | 293 | 24,7 | Light grey    |
| BCD 400 OT-FSC-7024 | 20401524  | 404 | 344,2 | 37,5 | 387 | 293 | 24,7 | Graphite grey |

Scope of delivery: 1 front lid, hinged, 1 catch, 1 blind plug



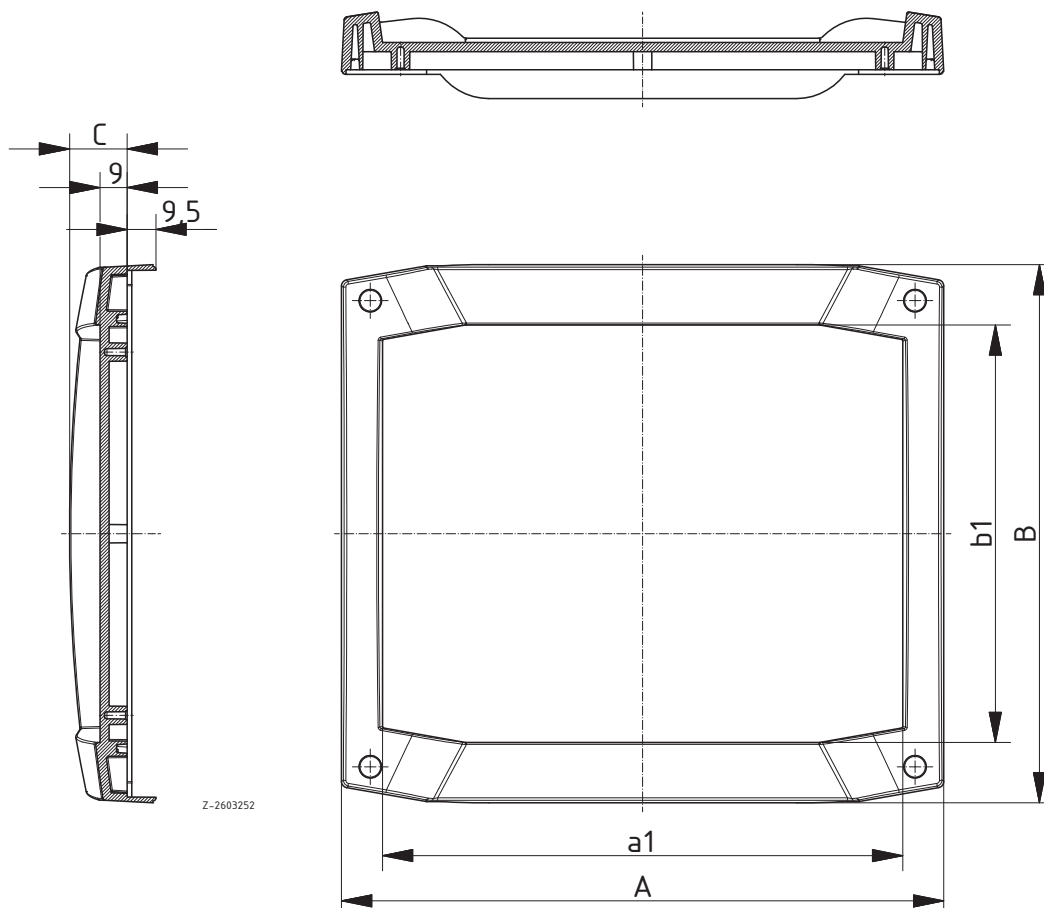
## Bocard lids



### Screw-on front lid with membrane keypad area

| Model             | Order no. | A   | B      | C    | a1    | b1    | Colour        |
|-------------------|-----------|-----|--------|------|-------|-------|---------------|
| BCD 160 OT-F-7035 | 20161335  | 199 | 177,85 | 19   | 171,9 | 137,9 | Light grey    |
| BCD 160 OT-F-7024 | 20161324  | 199 | 177,85 | 19   | 171,9 | 137,9 | Graphite grey |
| BCD 200 OT-F-7035 | 20201335  | 229 | 202,85 | 18,7 | 202,2 | 162,9 | Light grey    |
| BCD 200 OT-F-7024 | 20201324  | 229 | 202,85 | 18,7 | 202,2 | 162,9 | Graphite grey |
| BCD 250 OT-F-7035 | 20251335  | 264 | 232,85 | 18,6 | 237,5 | 192,9 | Light grey    |
| BCD 250 OT-F-7024 | 20251324  | 264 | 232,85 | 18,6 | 237,5 | 192,9 | Graphite grey |

Scope of delivery: 1 front lid, screws, screw covers

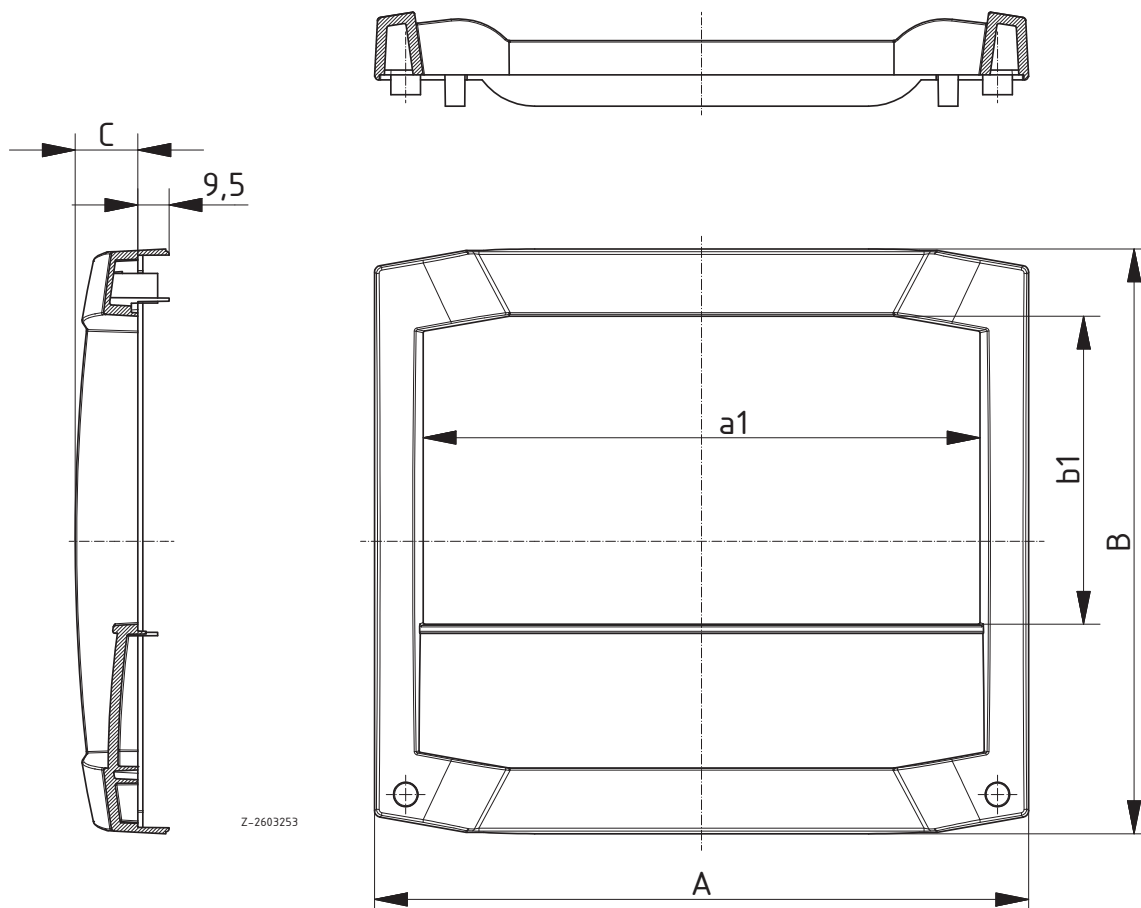


# Bocard lids

## Screw-on open front frame with terminal compartment cover, screw-on

| Model             | Order no. | A   | B      | C    | a1    | b1    | Colour        |
|-------------------|-----------|-----|--------|------|-------|-------|---------------|
| BCD 160 FO-K-7035 | 20161235  | 199 | 177,85 | 19   | 169,3 | 93,7  | Light grey    |
| BCD 160 FO-K-7024 | 20161224  | 199 | 177,85 | 19   | 169,3 | 93,7  | Graphite grey |
| BCD 200 FO-K-7035 | 20201235  | 229 | 202,85 | 18,7 | 199,7 | 108,7 | Light grey    |
| BCD 200 FO-K-7024 | 20201224  | 229 | 202,85 | 18,7 | 199,7 | 108,7 | Graphite grey |
| BCD 250 FO-K-7035 | 20251235  | 264 | 232,85 | 18,6 | 235   | 131,7 | Light grey    |
| BCD 250 FO-K-7024 | 20251224  | 264 | 232,85 | 18,6 | 235   | 131,7 | Graphite grey |

Scope of delivery: 1 front frame with terminal compartment cover, screws, screw covers



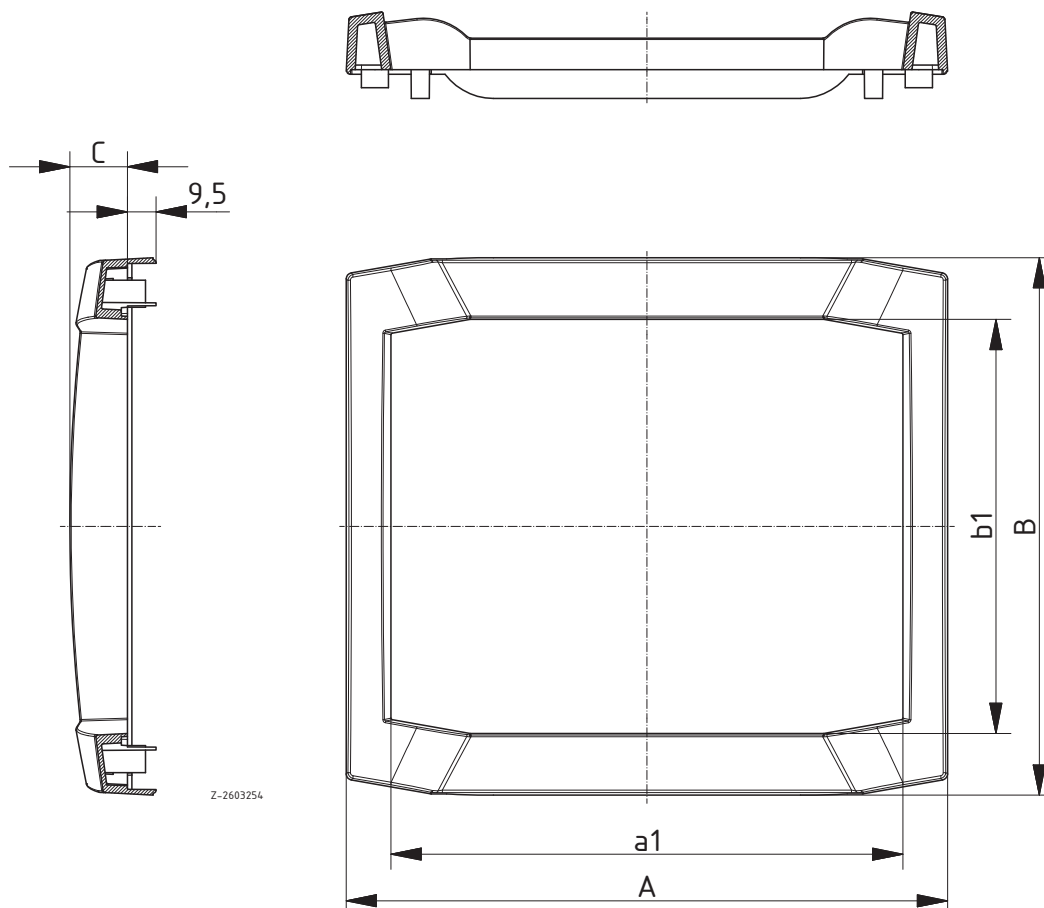
## Bocard lids



### Open front frame, clip-on

| Model           | Order no. | A   | B      | C    | a1    | b1  | Colour        |
|-----------------|-----------|-----|--------|------|-------|-----|---------------|
| BCD 160 FO-7035 | 20161135  | 199 | 177,85 | 19   | 169,3 | 137 | Light grey    |
| BCD 160 FO-7024 | 20161124  | 199 | 177,85 | 19   | 169,3 | 137 | Graphite grey |
| BCD 200 FO-7035 | 20201135  | 229 | 202,85 | 18,7 | 199,7 | 162 | Light grey    |
| BCD 200 FO-7024 | 20201124  | 229 | 202,85 | 18,7 | 199,7 | 162 | Graphite grey |
| BCD 250 FO-7035 | 20251135  | 264 | 232,85 | 18,6 | 235   | 192 | Light grey    |
| BCD 250 FO-7024 | 20251124  | 264 | 232,85 | 18,6 | 235   | 192 | Graphite grey |

Scope of delivery: 1 front frame



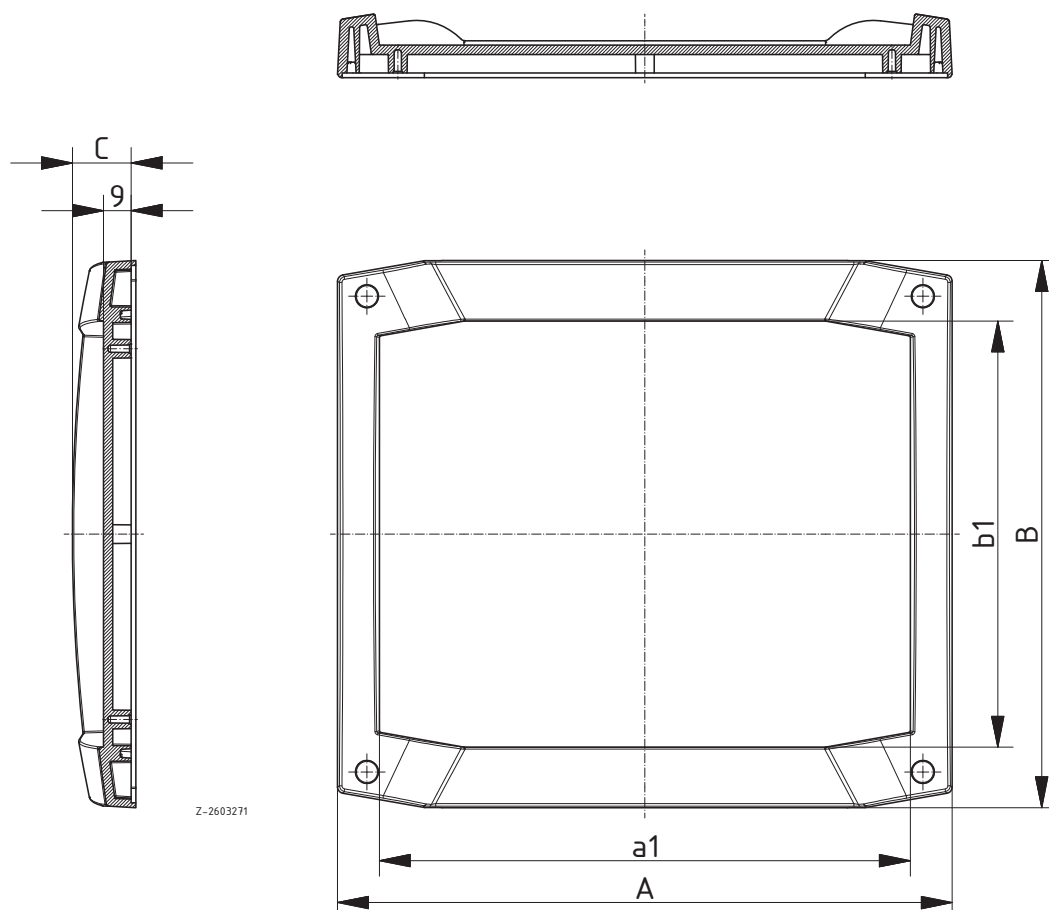
# Bocard installation area

## Installation area with membrane keypad area

| Model           | Order no. | A   | B      | C    | a1    | b1    | Colour        |
|-----------------|-----------|-----|--------|------|-------|-------|---------------|
| BCD 160 CF-7035 | 20161435  | 199 | 177,85 | 19   | 171,9 | 137,9 | Light grey    |
| BCD 160 CF-7024 | 20161424  | 199 | 177,85 | 19   | 171,9 | 137,9 | Graphite grey |
| BCD 200 CF-7035 | 20201435  | 229 | 202,85 | 18,7 | 202,2 | 162,9 | Light grey    |
| BCD 200 CF-7024 | 20201424  | 229 | 202,85 | 18,7 | 202,2 | 162,9 | Graphite grey |
| BCD 250 CF-7035 | 20251435  | 264 | 232,85 | 18,6 | 237,5 | 192,9 | Light grey    |
| BCD 250 CF-7024 | 20251424  | 264 | 232,85 | 18,6 | 237,5 | 192,9 | Graphite grey |

Scope of delivery: 1 installation area, screws, screw covers

Note: Protection class IP 40 towards the control panel wall. Up to protection class IP 65 can be achieved with seal CF-DI (accessory). The CF front cannot be used with Bocard bases.



## Bocard accessories



### Terminal compartment lid with membrane keypad area, screw-on

| Model            | Order no. | Colour        | Note        |
|------------------|-----------|---------------|-------------|
| BCD 160 KRD-7035 | 20162035  | Light grey    | For BCD 160 |
| BCD 160 KRD-7024 | 20162024  | Graphite grey | For BCD 160 |
| BCD 200 KRD-7035 | 20202035  | Light grey    | For BCD 200 |
| BCD 200 KRD-7024 | 20202024  | Graphite grey | For BCD 200 |
| BCD 250 KRD-7035 | 20252035  | Light grey    | For BCD 250 |
| BCD 250 KRD-7024 | 20252024  | Graphite grey | For BCD 250 |
| BCD 310 KRD-7035 | 20312035  | Light grey    | For BCD 310 |
| BCD 310 KRD-7024 | 20312024  | Graphite grey | For BCD 310 |
| BCD 400 KRD-7035 | 20402035  | Light grey    | For BCD 400 |
| BCD 400 KRD-7024 | 20402024  | Graphite grey | For BCD 400 |

Scope of delivery: 1 terminal compartment lid, 2 screws



### Handle elements, graphite grey plastic

| Model           | Order no. | Note        |
|-----------------|-----------|-------------|
| BCD 160 GE-7024 | 20167024  | For BCD 160 |
| BCD 200 GE-7024 | 20207024  | For BCD 200 |
| BCD 250 GE-7024 | 20257024  | For BCD 250 |

Scope of delivery: 2 handle elements, 1 cover for hinge bearing, 8 screws, 6 rubber feet



### Tip-up bow for handle element

| Model        | Order no. | Note                |
|--------------|-----------|---------------------|
| BCD 160 GE-B | 20167100  | For BCD 160 GE-7024 |
| BCD 200 GE-B | 20207100  | For BCD 200 GE-7024 |
| BCD 250 GE-B | 20257100  | For BCD 250 GE-7024 |

Scope of delivery: 1 tip-up bow



### Handle / tip-up bow, hinged

| Model             | Order no. | Note        |
|-------------------|-----------|-------------|
| BCD 160 HS 2-9005 | 20008070  | For BCD 160 |
| BCD 200 HS 2-9005 | 20008071  | For BCD 200 |
| BCD 250 HS 2-9005 | 20008072  | For BCD 250 |

Scope of delivery: 2 side parts, 2 anti-slip elements, handle profile, fixing material

Note: BOPLA can carry out the necessary processing of the base with individual adaptation of the position.

# Bocard accessories

## Wall brackets

| Model       | Order no. | Colour        |
|-------------|-----------|---------------|
| BCD WL-7035 | 20007000  | Light grey    |
| BCD WL-7024 | 20007001  | Graphite grey |

Scope of delivery: 4 wall brackets, screws

Note: For 4-point wall fixing without opening the enclosure. Fitting to rear of enclosure from the outside. Suitable for all enclosures in this series.



## Wall-mounting fastening bracket, powder-coated sheet steel

| Model           | Order no. | Colour     | Note        |
|-----------------|-----------|------------|-------------|
| BCD 160 WB-7035 | 20008080  | Light grey | For BCD 160 |
| BCD 200 WB-7035 | 20008081  | Light grey | For BCD 200 |
| BCD 250 WB-7035 | 20008082  | Light grey | For BCD 250 |

Scope of delivery: 1 Wall-mounting fastening bracket, screws

Note: Special colours on request. Fitting to the enclosure rear is from the outside.



## Wall fitting for flat bases (BCD...-0,5), swivelling

| Model                | Order no. | Note        |
|----------------------|-----------|-------------|
| BCD 160-0.5-7024 UWB | 20816024  | For BCD 160 |
| BCD 200-0.5-7024 UWB | 20820024  | For BCD 200 |
| BCD 250-0.5-7024 UWB | 20825024  | For BCD 250 |

Scope of delivery: Profile, 2 side flanges (complete), screws, covers

Note: Fixed positions in 10° detent stages. Mechanical processing of the enclosures is required.



## Bocard accessories



### Front panels, natural-coloured anodised aluminium

| Model      | Order no. | Note        |
|------------|-----------|-------------|
| BCD FP 160 | 20163000  | For BCD 160 |
| BCD FP 200 | 20203000  | For BCD 200 |
| BCD FP 250 | 20253000  | For BCD 250 |

Scope of delivery: 1 front panel

Note: Front panels with a max. thickness of 3 mm can be fitted to the enclosures in this series. Please order fixing screws separately (order no. 59006233). Additional sizes on request.



### Front panels for enclosures with terminal compartment, natural-coloured anodised aluminium

| Model        | Order no. | Note        |
|--------------|-----------|-------------|
| BCD FP 160 K | 20163100  | For BCD 160 |
| BCD FP 200 K | 20203100  | For BCD 200 |
| BCD FP 250 K | 20253100  | For BCD 250 |

Scope of delivery: 1 front panel for enclosures with terminal compartment

Note: Front panels with a max. thickness of 3 mm can be fitted to the enclosures in this series. Please order fixing screws separately (order no. 59006233). Additional sizes on request.



### Front panels for enclosures with 2 terminal compartments, natural-coloured anodised aluminium

| Model         | Order no. | Note        |
|---------------|-----------|-------------|
| BCD FP 160 BK | 20163200  | For BCD 160 |
| BCD FP 200 BK | 20203200  | For BCD 200 |
| BCD FP 250 BK | 20253200  | For BCD 250 |

Scope of delivery: 1 front panel for enclosures with 2 terminal compartments

Note: Front panels with a max. thickness of 3 mm can be fitted to the enclosures in this series. Please order fixing screws separately (order no. 59006233). Additional sizes on request.



### Front panels, ABS light grey, embossed on one side

| Model       | Order no. | Note        |
|-------------|-----------|-------------|
| BCD FPK 160 | 20164000  | For BCD 160 |
| BCD FPK 200 | 20204000  | For BCD 200 |
| BCD FPK 250 | 20254000  | For BCD 250 |

Scope of delivery: 1 front panel

Note: Front panels with a max. thickness of 3 mm can be fitted to the enclosures in this series. Please order fixing screws separately (order no. 59006233). Additional sizes on request.

# Bocard accessories

## Front panels for enclosures with terminal compartment, ABS light grey, embossed on one side

| Model         | Order no. | Note        |
|---------------|-----------|-------------|
| BCD FPK 160 K | 20164100  | For BCD 160 |
| BCD FPK 200 K | 20204100  | For BCD 200 |
| BCD FPK 250 K | 20254100  | For BCD 250 |

Scope of delivery: 1 front panel for enclosures with terminal compartment

Note: Front panels with a max. thickness of 3 mm can be fitted to the enclosures in this series. Please order fixing screws separately (order no. 59006233). Additional sizes on request.



## Front panels for enclosures with 2 terminal compartments, ABS light grey, embossed on one side

| Model          | Order no. | Note        |
|----------------|-----------|-------------|
| BCD FPK 160 BK | 20164200  | For BCD 160 |
| BCD FPK 200 BK | 20204200  | For BCD 200 |
| BCD FPK 250 BK | 20254200  | For BCD 250 |

Scope of delivery: 1 front panel for enclosures with 2 terminal compartments

Note: Front panels with a max. thickness of 3 mm can be fitted to the enclosures in this series. Please order fixing screws separately (order no. 59006233). Additional sizes on request.



## Mounting panels, laminated paper

| Model     | Order no. | Note        |
|-----------|-----------|-------------|
| BCD M 160 | 20166000  | For BCD 160 |
| BCD M 200 | 20206000  | For BCD 200 |
| BCD M 250 | 20256000  | For BCD 250 |

Scope of delivery: 1 mounting panel

Note: Please order fixing screws separately (order no. 59006233).



## Panels for dividing terminal compartments, insertable, laminated paper

| Model          | Order no. | Note               |
|----------------|-----------|--------------------|
| BCD TP 160     | 20165000  | For BCD 160 UT     |
| BCD TP 160-0,5 | 20165100  | For BCD 160 UT-0,5 |
| BCD TP 200     | 20205000  | For BCD 200 UT     |
| BCD TP 200-0,5 | 20205100  | For BCD 200 UT-0,5 |
| BCD TP 250     | 20255000  | For BCD 250 UT     |
| BCD TP 250-0,5 | 20255100  | For BCD 250 UT-0,5 |

Scope of delivery: 1 partition panel



## Bocard accessories



### Partitions for dividing electronics compartments, screw-on, laminated paper

| Model        | Order no. | Note        |
|--------------|-----------|-------------|
| BCD TP 160 F | 20165200  | For BCD 160 |
| BCD TP 200 F | 20205200  | For BCD 200 |
| BCD TP 250 F | 20255200  | For BCD 250 |

Scope of delivery: 1 partition panel

Note: Please order fixing screws separately (order no. 59006233). Additional sizes on request.



### Cylinder lock for front lid BCD...OT-G and BCD...OT-FSC-...

| Model    | Order no. |
|----------|-----------|
| SHLO 402 | 21008320  |

Scope of delivery: 1 lock, 2 keys

Note: The lock can be inserted into the opening in the BCD ... OT-G and BCD...OT-FSC-... at a later date. If a blind plug or catch has been fitted, it can be pushed out from the rear. The key can only be removed from the locked position.



### DIN rail holder for rails DIN 60715 TH 35

| Model    | Order no. | Colour |
|----------|-----------|--------|
| TSH 35-2 | 20035000  | Black  |

Scope of delivery: 2 DIN rail holders, screws

Note: Fixing domes for fitting of the TSH 35-2 are already moulded onto the Bocard bases up to size BCD 250. The ingress protection category for the Bocard enclosure is not affected.

# Bocard accessories

## DIN rails TS 15 / TS 35, top hat rail DIN EN 60715 TH 15 / TH 35

| Model       | Order no. | Note                                                  |
|-------------|-----------|-------------------------------------------------------|
| TS 15.160.1 | 22151601  | For BCD 160, terminal compartment, down               |
| TS 15.185.1 | 22151851  | For BCD 160, terminal compartment up                  |
| TS 35.160.1 | 22351601  | For BCD 160, centre down                              |
| TS 15.215.1 | 22152151  | For BCD 200, terminal compartment up                  |
| TS 35.198.1 | 22351981  | For BCD 200, centre on distance bolt                  |
| TS 15.225.1 | 22152251  | For BCD 250, terminal compartment down                |
| TS 15.250.1 | 22152501  | For BCD 250, terminal compartment up                  |
| TS 35.225.1 | 22352251  | For BCD 250, terminal compartment, down / centre down |
| TS 35.233.1 | 22352331  | For BCD 250, centre on distance bolt                  |

Scope of delivery: 1 DIN rail

Note: Please order fixing screws separately (order no. 59006233). Additional sizes on request.



## Fixing screws for DIN rails, front / mounting panels and partitions

| Model            | Order no. | Note             |
|------------------|-----------|------------------|
| SHR Z KA 30 x 10 | 59006233  | Galvanised steel |

Scope of delivery: 1 screw

## Distance bolts for mounting bosses, Ø 2.4-2.6 mm

| Model                | Order no. | Note         |
|----------------------|-----------|--------------|
| DIBLZ AK 30x5/IM3/10 | 59006986  | ND = 2.4-2.6 |

Scope of delivery: 1 distance bolt

Note: The distance bolt can also be used to fix PCBs or mounting panels. This also makes it possible to fit (clearance 10 mm; M3) a parallel PCB or mounting panel. ND = boss internal diameter.



## Seals for installation area

| Model         | Order no. | Note           |
|---------------|-----------|----------------|
| BCD 160 CF-DI | 20161400  | For BCD 160 CF |
| BCD 200 CF-DI | 20201400  | For BCD 200 CF |
| BCD 250 CF-DI | 20251400  | For BCD 250 CF |

Scope of delivery: 1 seal

Note: Alternatively the seal can be glued to the control panel (positioned over the internal cut-out) or to the installation area.

Ingress protection acc. to DIN EN 60529 possible up to max. IP 65, depending on thickness and type of control panel.