

SDB small distributor series

Shock-resistant – in any position

OBO BETTERMANN



Shock-resistant – in any position

The SDB distribution box from OBO Bettermann are tough customers. OBO has just added versatile plastic housings to its range of products. These are characterised by excellent robustness and reliability. In the tough environment of industrial production, they ensure that power is available at any time.

Sturdy and safe



These high-quality polycarbonate distribution box protect electrical installations even when under extreme strain. They can withstand harsh cleaning agents, cold and heat, and knocks and impacts in industrial settings and public places.

2 materials

The small distributors are available in two different materials to suit different installation locations. The professional quality housing is made from robust polystyrene. This quality is suitable primarily for use in indoor and covered outdoor environments. For even greater stability and safety, opt for the polycarbonate distributors.

Protection rating IP66

With a protection rating of IP66, the distribution boxes additionally provide protection against powerful water jets and dust.

Simple and particularly flexible installation

Thanks to the use of high-quality special plastics, the new OBO SDB series can satisfy all the requirements for modern distribution boxes. In addition, it allows simple and particularly flexible installation.



Flexible fastening

The housing can be attached using internal, external or corner fastenings, as required.



Simply plugged-in

Innovative PE/N terminal with
- 1x 25 mm2 screw terminal
- 1x 16 mm2 screw terminal
- 2x 4 mm2 screwless terminals
- 12x 2.5 mm2 screwless terminals



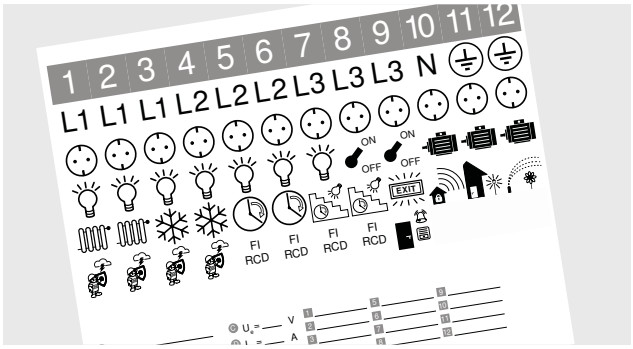
Secure connection guaranteed

The industrial-quality (polycarbonate) distribution boxes are fitted with screwless terminals, while the professional-quality (polystyrene) distributors come with tried-and-tested screw terminals.



Perfect handling

The robust locking contour can be opened and closed easily – perfect for daily use in tough industrial environments.



VDE-tested

The SDB distribution box are tested according to DIN EN 61439-1 (VDE 0660-600-2).

Practical details

The practical adhesive labelling sheets with self-adhesive pictograms ensure tidy, simple labelling of the installation.

All kinds of applications

Because it is so sturdy, the distribution box series can handle any application – even in uncovered outdoor locations.

Four sizes

The four sizes with three, five, nine or twelve division units offer flexible installation space for devices on hat rails.





Distribution box, 3 division units, with terminal strip



Type	Terminals	Colour	Dimension LxWxH mm	Pack Piece	Weight kg/100 pc.	Item no.
SDB 03 PC	Connector	Light grey	150x190x125	1	75.540	**2008840**

Distribution box with terminal strip for surface mounting, for the current sub-distribution in interior and exterior areas, in accordance with IEC 439-3. With pre-mounted 35 mm hat profile rail. IP66 protection type and IK06 protection rating. Transparent cover to screw on, with cut-out.
- Protection-insulated for a maximum of 3 division units
- Terminal strip set consisting of: One each of: PE/N terminal (1x25 mm² and 1x16 mm² screw terminals, 2x4 mm² and 12x2.5 mm² screwless terminals), mini hat profile rail, mounting instructions and fastening set
- Identification plates for connected consumers
- 2 elastic cable entries Ø20 mm for cable diameters of 0–17 mm
- 1 elastic cable entry Ø25 mm for cable diameters of 0–22 mm
- 2 Ø 20 mm break-out openings each at the top and bottom
- 1 Ø 20/25 mm combination break-out opening each at the top and bottom
- 4 screw cover caps
- 2 stainless steel external fastenings
- Cover strip for unused division units

Distribution box, 3 division units, with terminal strip



Type	Terminals	Colour	Dimension LxWxH mm	Pack Piece	Weight kg/100 pc.	Item no.
SDB 03 PS	Connector	Light grey	150x190x125	1	81.000	**2008800**

Distribution box with terminal strip for surface mounting, for the current sub-distribution in interior and protected exterior areas, in accordance with IEC 439-3. With pre-mounted 35 mm hat profile rail. IP66 protection type and IK06 protection rating. Transparent cover to screw on, with cut-out.
- Protection-insulated for a maximum of 3 division units
- Terminal strip set consisting of: One each of: PE/N terminal with 4x 16 mm² screw terminals, mini hat profile rail, mounting instructions and fastening set
- Identification plates for connected consumers
- 2 elastic cable entries Ø20 mm for cable diameters of 0–17 mm
- 1 elastic cable entry Ø25 mm for cable diameters of 0–22 mm
- 2 Ø 20 mm break-out openings each at the top and bottom
- 1 Ø 20/25 mm combination break-out opening each at the top and bottom
- 4 screw cover caps

Distribution box, 5 division units, with terminal strip



Type	Terminals	Colour	Dimension LxWxH mm	Pack Piece	Weight kg/100 pc.	Item no.
SDB 05 PC	Connector	Light grey	190x150x125	1	76.040	**2008844**

Distribution box with terminal strip for surface mounting, for the current sub-distribution in interior and exterior areas, in accordance with IEC 439-3. With pre-mounted 35 mm hat profile rail. IP66 protection type and IK06 protection rating. Transparent cover to screw on, with cut-out.
- Protection-insulated for a maximum of 5 division units
- Terminal strip set consisting of: One each of: PE/N terminal (1x25 mm² and 1x16 mm² screw terminals, 2x4 mm² and 12x2.5 mm² screwless terminals), mini hat profile rail, mounting instructions and fastening set
- Identification plates for connected consumers
- 4 elastic cable entries Ø20 mm for cable diameters of 0–17 mm
- 1 elastic cable entry Ø25 mm for cable diameters of 0–22 mm
- 4 Ø 20 mm break-out openings each at the top and bottom
- 1 Ø 20/25 mm combination break-out opening each at the top and bottom
- 4 screw cover caps
- 2 stainless steel external fastenings
- Cover strips for unused division units

PS

IP 66 | IK 06 | M20 | M25 | M | 400 V | 650°

Distribution box, 5 division units, with terminal strip

Type	Terminals	Colour	Dimension LxWxH mm		Pack Piece	Weight kg/100 pc.	Item no.
SDB 05 PS	Connector	Light grey	190x150x125		1	81.500	**2008804**



Distribution box with terminal strip for surface mounting, for the current sub-distribution in interior and protected exterior areas, in accordance with IEC 439-3. With pre-mounted 35 mm hat profile rail. IP66 protection type and IK06 protection rating. Transparent cover to screw on, with cut-out.
- Protection-insulated for a maximum of 5 division units
- Terminal strip set consisting of: One each of: PE/N terminal with 4x 16 mm² screw terminals, mini hat profile rail, mounting instructions and fastening set
- Identification plates for connected consumers
- 4 elastic cable entries Ø20 mm for cable diameters of 0–17 mm
- 1 elastic cable entry Ø25 mm for cable diameters of 0–22 mm
- 4 Ø 20 mm break-out openings each at the top and bottom
- 1 Ø 20/25 mm combination break-out opening each at the top and bottom
- 4 screw cover caps

PC

CE | IP 66 | IK 07 | M20 | M25 | M32 | M | 400 V

UV RESISTANT | 650° | VDE

Distribution box, 9 division units, with terminal strip

Type	Terminals	Colour	Dimension LxWxH mm		Pack Piece	Weight kg/100 pc.	Item no.
SDB 09 PC	Connector	Light grey	240x191x125		1	103.840	**2008848**



Distribution box with terminal strip for surface mounting, for the current sub-distribution in interior and exterior areas, in accordance with IEC 439-3. With pre-mounted 35 mm hat profile rail. IP66 protection type and IK06 protection rating. Transparent cover to screw on, with cut-out.
- Protection-insulated for a maximum of 9 division units
- Terminal strip set consisting of: One each of: PE/N terminal (1x25 mm² and 1x16 mm² screw terminals, 2x4 mm² and 12x2.5 mm² screwless terminals), mini hat profile rail, mounting instructions and fastening set
- Identification plates for connected consumers
- 6 elastic cable entries Ø20 mm for cable diameters of 0–17 mm
- 1 elastic cable entry Ø25 mm for cable diameters of 0–22 mm
- 1 elastic cable entry Ø32 mm for cable diameters of 0–28 mm
- 8 Ø 20 mm break-out openings each at the top and bottom
- 1 Ø 20/25/32 mm combination break-out opening each at the top and bottom
- 4 screw cover caps
- 2 stainless steel external fastenings
- Cover strips for unused division units

PS

IP 66 | IK 06 | M20 | M25 | M32 | M | 400 V | 650°

Distribution box, 9 division units, with terminal strip

Type	Terminals	Colour	Dimension LxWxH mm		Pack Piece	Weight kg/100 pc.	Item no.
SDB 09 PS	Connector	Light grey	240x191x125		1	110.000	**2008808**



Distribution box with terminal strip for surface mounting, for the current sub-distribution in interior and protected exterior areas, in accordance with IEC 439-3. With pre-mounted 35 mm hat profile rail. IP66 protection type and IK06 protection rating. Transparent cover to screw on, with cut-out.
- Protection-insulated for a maximum of 9 division units
- Terminal strip set consisting of: Two each of: PE/N terminals with 4x 16 mm² screw terminals, mini hat profile rail, mounting instructions and fastening set
- Identification plates for connected consumers
- 6 elastic cable entries Ø20 mm for cable diameters of 0-17 mm
- 1 elastic cable entry Ø25 mm for cable diameters of 0–22 mm
- 1 elastic cable entry Ø32 mm for cable diameters of 0–28 mm
- 8 Ø 20 mm break-out openings each at the top and bottom
- 1 Ø 20/25/32 mm combination break-out opening each at the top and bottom
- 4 screw cover caps

Distribution box, 12 division units, with terminal strip



Type	Terminals	Colour	Dimension LxWxH mm	Pack Piece	Weight kg/100 pc.	Item no.
SDB 12 PC	Connector	Light grey	286x202x125	1	150.000	**2008852**

Distribution box with terminal strip for surface mounting, for the current sub-distribution in interior and exterior areas, in accordance with IEC 439-3. With pre-mounted 35 mm hat profile rail. IP66 protection type and IK06 protection rating. Transparent cover to screw on, with cut-out.
- Protection-insulated for a maximum of 12 division units
- Terminal strip set consisting of: One each of: PE/N terminal (1x25 mm² and 1x16 mm² screw terminals, 2x4 mm² and 12x2.5 mm² screwless terminals), mini hat profile rail, mounting instructions and fastening set
- Identification plates for connected consumers
- 8 elastic cable entries Ø20 mm for cable diameters of 0–17 mm
- 1 elastic cable entry Ø25 mm for cable diameters of 0–22 mm
- 1 elastic cable entry Ø32 mm for cable diameters of 0–28 mm
- 10 Ø 20 mm break-out openings each at the top and bottom
- 1 Ø 20/25/32 mm combination break-out opening each at the top and bottom
- 4 screw cover caps
- 2 stainless steel external fastenings
- Cover strips for unused division units

Distribution box, 12 division units, with terminal strip



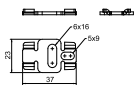
Type	Terminals	Colour	Dimension LxWxH mm	Pack Piece	Weight kg/100 pc.	Item no.
SDB 12 PS	Connector	Light grey	286x202x125	1	141.000	**2008812**

Distribution box with terminal strip for surface mounting, for the current sub-distribution in interior and protected exterior areas, in accordance with IEC 439-3. With pre-mounted 35 mm hat profile rail. IP66 protection type and IK06 protection rating. Transparent cover to screw on, with cut-out.
- Protection-insulated for a maximum of 12 division units
- Terminal strip set consisting of: Three each of: PE/N terminals with 4x 16 mm² screw terminals, mini hat profile rail, mounting instructions and fastening set
- Identification plates for connected consumers
- 8 elastic cable entries Ø20 mm for cable diameters of 0–17 mm
- 1 elastic cable entry Ø25 mm for cable diameters of 0–22 mm
- 1 elastic cable entry Ø32 mm for cable diameters of 0–28 mm
- 10 Ø 20 mm break-out openings each at the top and bottom
- 1 Ø 20/25/32 mm combination break-out opening each at the top and bottom
- 4 screw cover caps

External fastening

External fastening or connection





Type	Pack Piece	Weight kg/100 pc.	Item no.
AV-S	20	0.900	**2007990**

The convenient external fastening/connection means the cable boxes and distribution boxes of the S and SDB series can be fastened easily to a wall. Because they fasten outside the cable box, the possibility of voltage carry over is ruled out.
These metal connectors can also be used for lining up several boxes together.

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