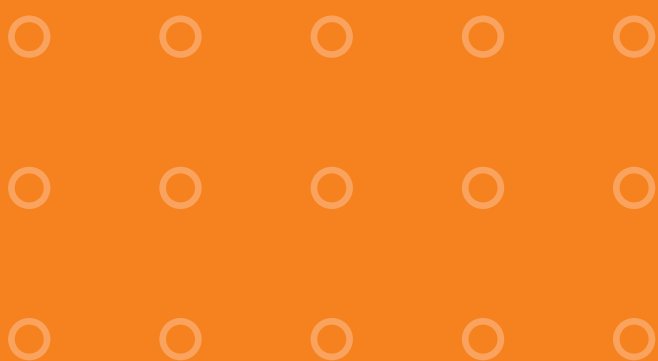


# OBO flush-mounted and cavity wall systems

Is the secret behind professional installations

With essential tips for practical installation

VBS Connection and fastening systems



**OBO**  
BETTERMANN

## OBO. Used by professionals.

*OBO knows what professionals want: perfect solutions for all areas of electrical installation. This is achieved by means of a range of user-friendly, practical products for fast and uncomplicated assembly, which is complemented by an extensive training programme, expert advice provided via the OBO Hotline and even onsite assistance for problem-solving. OBO – making a direct connection with the customer.*

## Systems



Conducting electricity, routing data, controlling energy – with a complete range of more than 30,000 items, OBO can offer user-friendly products and practical solutions for professional data and electrical infrastructures in the field of electrical installation. What is more, anyone who has worked with OBO's high-quality products will know that they are entirely compatible. As a system manufacturer, it is in our nature to combine variety with consistency.

- ▶ A seamless complete range for all areas of electrical installation
- ▶ More than 30,000 items in seven product units
- ▶ Continuous perfective maintenance and further development
- ▶ In-house engineering and production

## Quality



Professionals demand quality. This is inherent in all products and services provided under the OBO brand:

- ▶ QA certification to DIN EN ISO 9001:2000
- ▶ Tested and approved material and production quality
- ▶ Numerous national and international test marks and certificates: GS and VDE mark (Germany), UL approvals
- ▶ Actively involved in national and international standards committees
- ▶ Perfect logistics solutions for packaging and despatch



Make the right connection every time. We can help by providing practical products for quick and easy installation and offering useful planning tips to optimise the use of OBO connection and fastening systems. New to the range: flush-mounted and cavity wall systems, a logical addition to OBO's surface-mounted products. Want to find out more? Then take a look at our extensive range of training courses – call our hotline or visit us on the Internet at [www.obo.de](http://www.obo.de) for the latest information about seminar dates.

Yours, the OBO VBS team

# Proximity

# Advice & Help



OBO BETTERMANN is present in more than 50 countries with subsidiaries, regional branches and agencies. All centres make sure that OBO is even faster, more accessible and better for the customers.

● = Branch   ● = Agency

- |                  |                        |
|------------------|------------------------|
| ● Argentina      | ● Lebanon              |
| ● Australia      | ● Lithuania            |
| ● Austria        | ● Malaysia             |
| ● Belgium        | ● Malta                |
| ● Brasil         | ● Netherlands          |
| ● Bulgaria       | ● New Zealand          |
| ● China          | ● Norway               |
| ● Croatia        | ● Poland               |
| ● Czech Republik | ● Portugal             |
| ● Denmark        | ● Rumania              |
| ● Eritrea        | ● Russia               |
| ● Estonia        | ● Singapore            |
| ● Finland        | ● Slovakia             |
| ● France         | ● Slovenia             |
| ● Germany        | ● South Africa         |
| ● Greece         | ● Spain                |
| ● Hongkong       | ● Sweden               |
| ● Hungary        | ● Switzerland          |
| ● India          | ● Syria                |
| ● Indonesia      | ● Turkey               |
| ● Ireland        | ● Ukraine              |
| ● Israel         | ● United Arab Emirates |
| ● Italy          | ● United Kingdom       |
| ● Japan          | ● USA                  |
| ● Latvia         | ● Yugoslavia           |

At OBO specialist staff are ready to support you in word and action: for individual problem solutions and application hints and with practicable seminars in the OBO training centres and subsidiaries.

Phone technical hotline:

**+49 (0)23 73 - 89-15 00**

Fax technical hotline:

**+49 (0)23 73 - 89-15 50**

E-mail technical hotline:

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## A welcome addition

### Flush-mounted and cavity wall systems

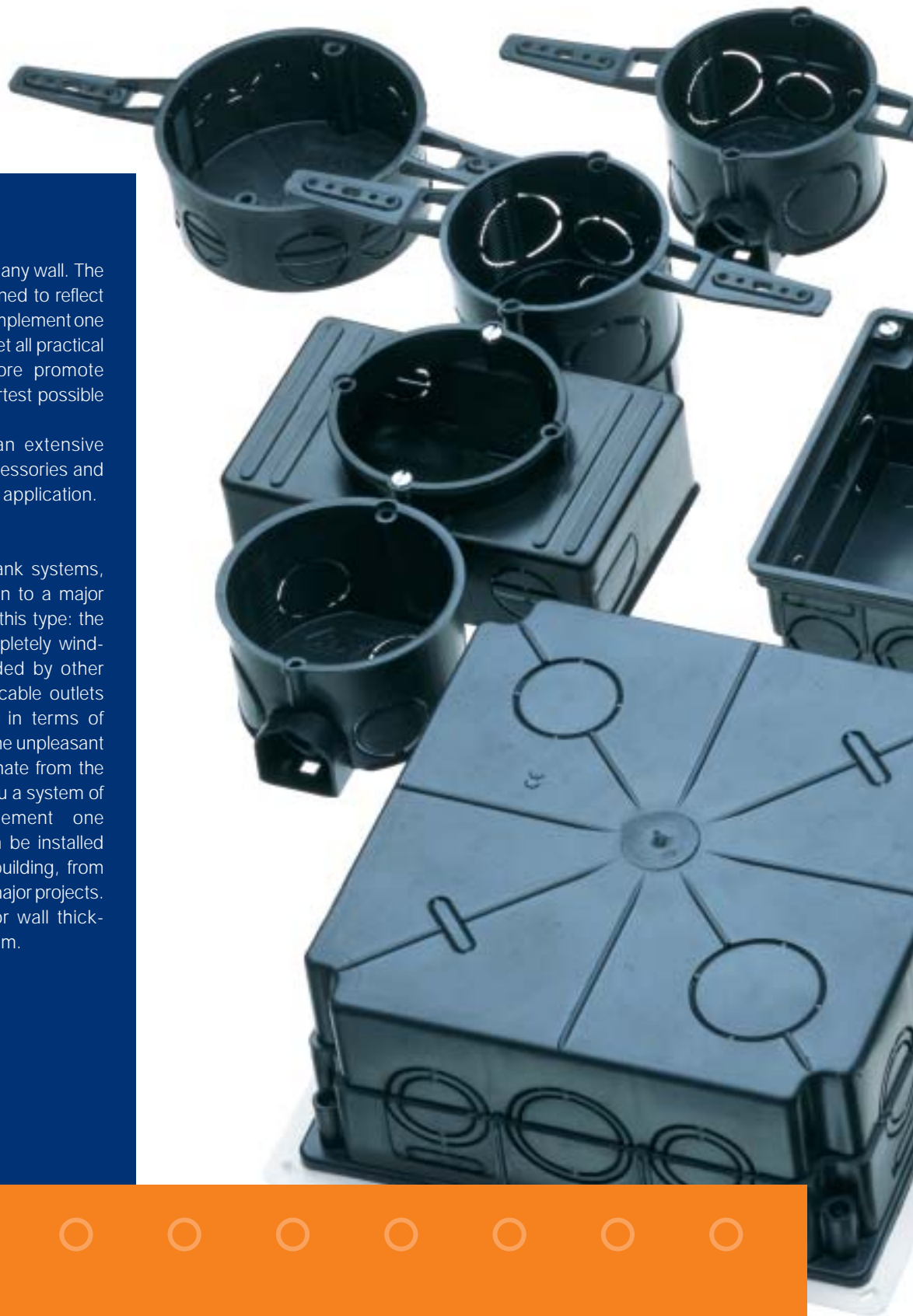
#### Flush-mounted system

The ideal system for use in any wall. The products have been designed to reflect the state-of-the-art and complement one another perfectly. They meet all practical requirements and therefore promote easy installation in the shortest possible time.

The system comprises an extensive range with a variety of accessories and can be used in all types of application.

#### Cavity wall system

The solution for single-plank systems, providing a reliable solution to a major problem in installations of this type: the cavity wall system is completely wind-tight. On products provided by other suppliers, pre-perforated cable outlets often prove weak points in terms of energy – quite aside from the unpleasant chill which seems to emanate from the sockets. OBO can offer you a system of products which complement one another perfectly and can be installed windtight in any type of building, from individual family homes to major projects. The system is suitable for wall thicknesses from 7 mm to 35 mm.



### The complete range

As a leading supplier of installation technology, it is our aim to support you in realising perfect installations efficiently and cost-effectively. New products for connection and fastening complete our range, which has already proven its worth in practical applications. Our flush-mounted and cavity wall systems are perfect problem-solvers and perform their functions reliably in the background.



## Many and varied advantages

Hidden from view but making their presence felt



### Installation A

For the best connection, simply drill holes into the wall, fill with plaster and insert accessory sockets. The standard combination clearance of 71 mm paves the way for combinations between standard and deep accessory sockets.



### Installation B

The use of high plaster distance rings is recommended for very thick layers of mortar: simply screw the rings onto existing devices or conduit boxes. The switch box can then be fitted using an expansion connection or screw fixing.



### Installation C

Marker covers are fitted to accessory sockets or conduit boxes prior to plastering. They not only protect the inside of the socket against soiling. The bundles protruding from the plaster once it has been applied make finding the various boxes very easy.



### Installation D

Once the individual wires have been connected, the conduit boxes could not be easier to seal using a spring-loaded snap-fit cover. The cover sits flush and plaster can be applied directly on top of it.



### Installation E

Nail-fixing accessory sockets enable connections to be made in advance in problematic walls. The individual sockets are assembled, set into the wall and nailed into place. Finally, any gaps must be filled with plaster or mortar to ensure stability.



**Snap-on connection**

A universal solution – The practical snap-on connection with fully insulated junction will ensure a standard combination clearance of 71 mm whatever the application.



**Large installation space**

User-friendly – The accessory conduit box has an extra deep base for wiring. This makes retrofitting particularly easy.



**Adapters**

Keep your distance – Adapters are used to connect two separate mounting devices (including frame).



**Chamfered spring-loaded cover**

Chamfered to go – Like universal covers, spring-loaded covers feature a keyed surface to ensure that the edge of the covers sits flush and to optimise handling.



**Screw fixing and expansion connection**

Always the right fit – The sockets are equally suitable for screw fixing and expansion connection.



**Embossed cable entry**

Standardised – The pre-embossed cable entry is based on the metric standard. Flush-mounted sockets and boxes provide IP 20 degree of protection.



**Accessory junction box**

Simply enormous – The XXL accessory junction box offers XXL space for connection terminals.



**Junction box**

One size fits all – The junction box offers plenty of room for complex wiring configurations and supports all manner of entry options for cables and pipes.



**Conduit box**

Traditional – The in-wall conduit box for traditional wiring (low mounting depth) is fitted with a 5-pin terminal strip.



**PSU socket for wall lights**

Clean – For clean cable outlets or perfectly plastered outlets for lights to be installed at a later date.

# Many and varied advantages

## Windtight as standard



### Installation A

Mark out the centre of the hole while observing the standard combination clearance of 71 mm, and use a hole saw to cut out a bore hole 68 mm in diameter.



### Installation B

Flexible plastic pipes or cables/lines are inserted first and clamped into place automatically. Then the accessory sockets are inserted into the bore hole.



### Installation C

A screwdriver and a fixing screw are used to fix accessory sockets into place in the bore hole. The miniature retaining plate at the rear and the embossed retaining edge at the front prevent slip.



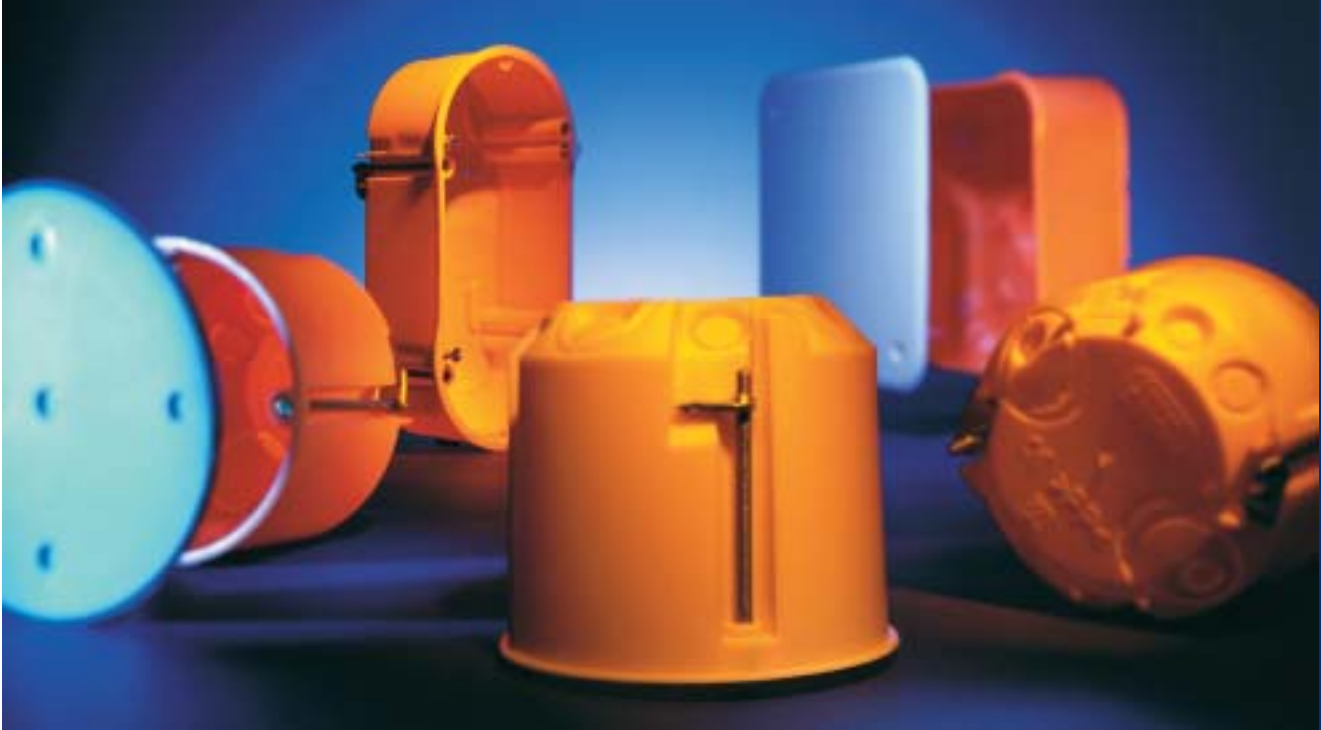
### Installation D

Similarly, if the 2-way accessory socket is used, two separate holes 68 mm in diameter are drilled into the wall. A cutter or a small saw is used to cut out the area in between the two bore holes.



### Installation E

The flexible plastic pipes are first inserted into the accessory socket, which is in turn inserted into the bore hole made previously. All that remains to complete the perfect 2-way accessory socket is to screw the four fixing screws into place.



**Windtight**

Absolutely windtight – The pre-embossed cable outlet is absolutely windtight and saves energy.



**Screw solution**

No clamping – The mounting devices are screwed into the cavity wall sockets, not clamped into place.



**Retaining edge**

Securely in place – The neat retaining edge ensures that the socket sits securely in place in the bore hole, thereby providing the necessary support.



**Adapters**

Shaped to standard – The adapters allow you to reach the standard combination clearance of 71 mm and install sockets side by side.



**Miniature retaining plate with advance fixing**

Finger-friendly – The advance assembly of the sockets makes connections quick and easy – no need for tedious fiddling!



**Junction box**

Huge – The big solution for pre-assembled cables with 20 cable entries.



**Conduit box with lid**

One size fits all – Anything that needs to will fit into the large conduit box. It has a diameter of 74 mm and boasts 14 openings.



**Pipe entry**

Self-locking – The pipe is secured in place in the pipe entry.



**Cable entry**

Quite safe – The cable entries feature built-in strain relief. The sockets are based on the metric standard and provide IP 30 degree of protection.



**Fixing screw**

A universal solution – Can be used for wall thicknesses from 7 mm to 35 mm.

## Flush-mounted accessory socket



Type	Colour	Height	Ø	Box Quantity	Pack.	Weight	Art. No.
		mm	max.	pcs	pcs	kg/% pc	
UG 60 D	black	40	60	500	25	1,490	2003 01 5



Accessory socket with screwtight guaranteed standard combination clearance of 71 mm (to DIN 49 073-1) thanks to snap-in connection. 7 Knockout openings for cables and pipes Ø 20 mm and Ø 25 mm. Can be combined for expansion connection and screw fixing, countersunk wall mountings, accessory screw clearance 60 mm, for screw fixing with self-cutting screws 3.2 mm, with 2 screw domes without screws, degree of protection .

## Flush-mounted accessory socket/conduit box



Type	Colour	Height	Ø	Box Quantity	Pack.	Weight	Art. No.
		mm	max.	pcs	pcs	kg/% pc	
UG 60 VD	black	60	60	250	25	2,050	2003 01 9



Accessory socket/conduit box with screwtight guaranteed standard combination clearance of 71 mm (to DIN 49 073-1) thanks to snap-in connection. 13 Knockout openings for cables and pipes Ø 20 mm und Ø 25 mm. Can be combined for expansion connection and screw fixing, countersunk wall mountings, accessory screw clearance 60 mm, for screw fixing with self-cutting screws 3.2 mm, with 2 screw domes without screws, degree of protection .

## Flush-mounted accessory socket/junction box



Type	Colour	Height	Length	Width	Box Quantity	Pack.	Weight	Art. No.
		mm	mm	mm	pcs	pcs	kg/% pc	
UG 60 VK	black	48	70	110	100	10	4,600	2003 02 3



Accessory/conduit box with increased box volume on both sides of the accessory opening for the installation of connection terminals. Screwtight guaranteed standard combination clearance of 71 mm (to DIN 49 073-1) thanks to snap-in connection, 8 Knockout openings for cables and pipes up to Ø 21 mm , countersunk wall mountings, accessory screw clearance 60 mm, for screw fixing with self-cutting screws 3.2 mm, with 2 screw domes and 2 accessory screws, degree of protection .

## Adapters for flush-mounted accessory sockets



Type	Colour	Box Quantity	Pack.	Weight	Art. No.
		pcs	pcs	kg/% pc	
UG AS	black	500	25	0,290	2003 21 2

Adapters suitable for all sockets with tunnel adapters. Suitable for the combination of light current with heavy current accessories/telecommunications equipment with separate covers, combination clearance 90 mm.

## Nail-fixing flush-mounted accessory socket



Type	Colour	Height	Box Quantity	Pack.	Weight	Art. No.
		mm	pcs	pcs	kg/% pc	
UG 60 D NL	black	40	100	100	2,100	2003 03 1

Nail-fixing flush-mounted accessory sockets can be used as installation accessories for the first-fixing of sockets, nail diameter max. 3 mm, plaster thickness min. 8 mm, screwtight guaranteed standard combination clearance of 71 mm (to DIN 49 073-1) thanks to snap-in connection, 7 Knockout openings for cables and pipes Ø 20 mm und Ø 25 mm. Can be combined for expansion connection and screw fixing, countersunk wall mountings, accessory screw clearance 60 mm, for screw fixing with self-cutting screws 3.2 mm, with 2 screw domes without screws, degree of protection .

## Nail-fixing flush-mounted accessory socket/conduit box



Type	Colour	Height	Box Quantity	Pack.	Weight	Art. No.
		mm	pcs	pcs	kg/% pc	
UG 60 VD NL	black	62	100	100	2,480	2003 03 5

Nail-fixing accessory sockets/conduit boxes can be used as installation accessories for the first-fixing of sockets. Nail diameter max. 3 mm, plaster thickness min. 8 mm, with increased box volume for the installation of connection terminals, screwtight guaranteed standard combination clearance of 71 mm (to DIN 49 073-1) thanks to snap-in connection. 13 Knockout openings for cables and pipes Ø 20 mm and Ø 25 mm. Can be combined for expansion connection and screw fixing, countersunk wall mountings, accessory screw clearance 60 mm, for screw fixing with self-cutting screws 3.2 mm, with 2 screw domes without screws, degree of protection .

## Flush-mounted conduit box



Type	Colour	Height	Box Quantity	Pack.	Weight	Art. No.
		mm	pcs	pcs	kg/% pc	
UV 70 D	black	36	250	25	1,875	2003 04 3



Conduit box which will house 6 x 1.5 mm terminals or 5 x 2.5 mm terminals. 9 Knockout openings for cables and pipes up to Ø 21 mm, when used with cover and cover screws the conduit boxes meet the requirements of the VDE test mark to VDE 0606 and are flame-resistant to VDE 0471/DIN 695 Part 2-1, test temperature 750°C, degree of protection .

### Nail-fixing flush-mounted conduit box

Type	Colour	Height	Box Quantity	Pack.	Weight	Art. No.
		mm	pcs	pcs	kg/% pc	
UV 70 D NL	black	36	100	100	2,250	2003 04 7



Nail-fixing flush-mounted accessory sockets can be used as installation accessories for the first-fixing of sockets. Nail diameter max. 3 mm, plaster thickness min. 8 mm. Conduit box which will house 6 x 1.5 mm terminals or 5 x 2.5 mm terminals. 9 Knockout openings for cables and pipes up to Ø 21 mm, when used with cover and cover screws the conduit boxes meet the requirements of the VDE test mark to VDE 0606 and are flame-resistant to VDE 0471/DIN 695 Part 2-1, test temperature 750°C, degree of protection .

### Flush-mounted accessory socket without adapter

Type	Colour	Height	Box Quantity	Pack.	Weight	Art. No.
		mm	pcs	pcs	kg/% pc	
UG 60 DOS	black	40	250	25	1,530	2003 05 8



Accessory socket without adapter is suitable for use in facework, 3 Knockout openings for cables and pipes Ø 19 mm . Can be combined for expansion connection and screw fixing, countersunk wall mountings, accessory screw clearance 60 mm, for screw fixing with self-cutting screws 3.2 mm, with 2 screw domes without screws, degree of protection .

### Perilex accessory socket

Type	Colour	Height	Box Quantity	Pack.	Weight	Art. No.
		mm	pcs	pcs	kg/% pc	
UG 72 DP	black	48	100	100	2,910	2003 06 2



The Perilex accessory socket is suitable for 16 A Perilex switch boxes, 6 Knockout openings for cables and pipes Ø 21.5 mm, countersunk wall mountings, accessory screw clearance 67 mm, for screw fixing with self-cutting screws 3.2 mm, with 2 screw domes and 2 accessory screws, degree of protection .

### In-wall conduit box

Type	Colour	Height	Box Quantity	Pack.	Weight	Art. No.
		mm	pcs	pcs	kg/% pc	
UV 80 ID	white	18	250	25	5,390	2003 07 0



In-wall conduit box with 4-pin terminal strip 1.5 and 2.5 mm<sup>2</sup>, with plaster washer, cover (Ø 94 mm) and cover screw (15 mm), edge of cover sits flush, keyed surface, with 2 overlapping fixing tabs for first-fixing, degree of protection .

### Flush-mounted junction box

Type	Colour	Height	Length	Width	Box Quantity	Pack.	Weight	Art. No.
		mm	mm	mm	pcs	pcs	kg/% pc	
UV 80 K	black	45	80	80	50	50	4,500	2003 11 2
UV 100 K	black	45	100	100	100	100	6,400	2003 11 8
UV 150 K	black	65	150	150	30	30	15,667	2003 12 4
UV 250 K	black	65	250	250	10	10	52,000	2003 13 6
UV 200 K	black	65	200	200	10	10	35,714	2003 13 0



UV80K: 10 knockout openings for cables and pipes 6 x Ø 19 mm and 4 x Ø 21.5 mm  
 UV100K: 16 knockout openings for cables and pipes 12 x Ø 21.5 mm and 4 x Ø 29 mm  
 UV150K: 24 knockout openings for cables and pipes 8 x Ø 21.5 mm and 12 x Ø 28.5 mm and 4 x Ø 34.6 mm  
 UV200K: 24 knockout openings for cables and pipes 8 x Ø 21.5 mm and 12 x Ø 28.5 mm and 4 x Ø 34.6 mm  
 UV250K: 32 knockout openings for cables and pipes 8 x Ø 21.5 mm and 16 x Ø 28.5 mm and 8 x Ø 34.6 mm

Junction box into which terminals can be inserted, with cover and cover screw (15 mm), edge of cover sits flush, keyed surface, when used with cover and cover screws the conduit boxes meet the requirements of the VDE test mark to VDE 0606 and are flame-resistant to VDE 0471/DIN 695 Part 2-1, test temperature 750°C, degree of protection .

### Wall lights junction box

Type	Colour	Height	Length	Width	Box Quantity	Pack.	Weight	Art. No.
		mm	mm	mm	pcs	pcs	kg/% pc	
UWA	white	32	60	30	250	25	1,120	2003 08 2



PSU socket for wall lights with internal cover, space for 3 terminals, use to VDE 0100, 3 Knockout openings for cables and pipes Ø 18.7 mm, not to be used as conduit box, degree of protection .

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## Cover for wall lights junction box



Type	Colour	Height	Length	Width	Box Quantity	Pack.	Weight	Art. No.
		mm	mm	mm	pcs	pcs	kg/% pc	
<b>UW AD</b>	white	3	76	42	250	10	0,600	<b>2003 21 8</b>

Cover for PSU socket for wall lights to seal wall junction box flush with plaster, keyed surface, cover screws can be countersunk.



## Spring-loaded cover



Type	Colour	Ø	Box Quantity	Pack.	Weight	Art. No.
		max.	pcs	pcs	kg/% pc	
<b>UG 60 FD</b>	white	70	500	25	0,810	<b>2003 22 3</b>

Spring-loaded cover with centrally-sprung elastic bracing spring, for sockets Ø 60 mm, edge of cover sits flush, keyed surface.



Type	Colour	Ø	Box Quantity	Pack.	Weight	Art. No.
		max.	pcs	pcs	kg/% pc	
<b>UV 70 FD</b>	white	84	500	25	1,200	<b>2003 22 7</b>

Spring-loaded cover with centrally-sprung elastic bracing spring, for sockets Ø 70 mm, edge of cover sits flush, keyed surface.



## Universal cover



Type	Colour	Ø	Box Quantity	Pack.	Weight	Art. No.
		max.	pcs	pcs	kg/% pc	
<b>UGUD</b>	white	84	400	25	1,070	<b>2003 23 6</b>



Universal cover for all types of socket, cover with central fastening for conduit boxes, screw hole clearance 60 mm for accessory sockets and accessory conduit boxes, screw hole clearance 67 mm for conduit boxes, edge of cover sits flush, keyed surface, cover screws can be countersunk.



## Box cover



Type	Colour	Height	Length	Width	Box Quantity	Pack.	Weight	Art. No.
		mm	mm	mm	pcs	pcs	kg/% pc	
<b>UV 80 D</b>	white	1,5	97	97	250	10	1,270	<b>2003 24 0</b>
<b>UV 100 D</b>	white	1,5	114	114	240	10	2,000	<b>2003 24 4</b>
<b>UV 150 D</b>	white	1,75	170	170	150	5	4,850	<b>2003 24 8</b>
<b>UV 200 D</b>	white	2	210	210	50	5	9,500	<b>2003 25 2</b>
<b>UV 250 D</b>	white	2,5	260	260	25	5	17,190	<b>2003 25 6</b>



Box cover suitable for type UV...K junction boxes, edge of cover sits flush, keyed surface, cover screws can be countersunk.



## Accessory screw



Type	Density	Length	Box Quantity	Pack.	Weight	Art. No.
	mm	mm	pcs	pcs	kg/% pc	
<b>U 15 GS</b>	3,2	15	3000	100	0,075	<b>2003 26 5</b>
<b>U 25 GS</b>	3,2	25	2000	100	0,120	<b>2003 26 9</b>
<b>U 35 GS</b>	3,2	35	1500	100	0,157	<b>2003 27 3</b>
<b>U 40 GS</b>	3,2	40	1000	100	0,190	<b>2003 27 7</b>

Screws suitable for fastening all types of accessory and cover, with self-cutting thread Ø 3.2 mm.

## Sealing screw



Type	Ø	Length	Box Quantity	Pack.	Weight	Art. No.
	max.	mm	pcs	pcs	kg/% pc	
<b>U 18 PS</b>	3,2	18	3000	100	0,100	<b>2003 28 2</b>



### High plaster distance ring

Type	Colour	Height	Ø	Box Quantity	Pack.	Weight	Art. No.
		mm	max.	pcs	pcs	kg/% pc	
<b>UG 60 PA/12</b>	red	12	60	250	25	0,700	<b>2003 28 7</b>

Distance ring for screwing onto accessory sockets and accessory conduit boxes plastered too deep, can be combined with one another, if each is screwed on offset at an angle of 90°. Equalising heights can be selected by combining various types, with 2 x 15 mm accessory/cover screws and 2 fixing screws, degree of protection .



Type	Colour	Height	Ø	Box Quantity	Pack.	Weight	Art. No.
		mm	max.	pcs	pcs	kg/% pc	
<b>UV 70 PA/12</b>	red	12	70	100	25	1,150	<b>2003 29 1</b>

Distance ring for screwing onto accessory sockets and accessory conduit boxes plastered too deep, can be combined with one another, if each is screwed on offset at an angle of 90°. Equalising heights can be selected by combining various types, with 2 x 15 mm accessory/cover screws and 2 fixing screws, degree of protection .



Type	Colour	Height	Ø	Box Quantity	Pack.	Weight	Art. No.
		mm	max.	pcs	pcs	kg/% pc	
<b>UG 60 PA/24</b>	red	24	60	250	25	1,100	<b>2003 29 5</b>

Distance ring for screwing onto accessory sockets and accessory conduit boxes plastered too deep, can be combined with one another, if each is screwed on offset at an angle of 90°. Equalising heights can be selected by combining various types, with 2 x 15 mm accessory/cover screws and 2 fixing screws, degree of protection .



Type	Colour	Height	Ø	Box Quantity	Pack.	Weight	Art. No.
		mm	max.	pcs	pcs	kg/% pc	
<b>UV 70 PA/24</b>	red	24	70	100	25	1,850	<b>2003 29 9</b>

Distance ring for screwing onto accessory sockets and accessory conduit boxes plastered too deep, can be combined with one another, if each is screwed on offset at an angle of 90°. Equalising heights can be selected by combining various types, with 2 x 15 mm accessory/cover screws and 2 fixing screws, degree of protection .



### Marker cover

Type	Colour	Ø	Box Quantity	Pack.	Weight	Art. No.
		max.	pcs	pcs	kg/% pc	
<b>UG 60 SD</b>	red	60	500	50	0,550	<b>2003 31 7</b>

Marker covers protect the interior, screw domes and screw heads during plastering. The marker bundles make it easy to relocate the sockets and boxes once plastering is complete. Marker covers can be re-used. Simply push the cover into the socket following plastering and remove the marker cover.



Type	Colour	Ø	Box Quantity	Pack.	Weight	Art. No.
		max.	pcs	pcs	kg/% pc	
<b>UV 70 SD</b>	red	70	250	25	0,680	<b>2003 32 1</b>

Marker covers protect the interior, screw domes and screw heads during plastering. The marker bundles make it easy to relocate the sockets and boxes once plastering is complete. Marker covers can be re-used. Simply push the cover into the socket following plastering and remove the marker cover.



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## Marker cover



Type	Colour	Box Quantity	Pack. pcs	Weight kg/% pc	Art. No.
UW ASD	red	250	250	0,200	<b>2003 32 5</b>

Marker covers protect the interior, screw domes and screw heads during plastering. The marker bundles make it easy to relocate the sockets and boxes once plastering is complete. Marker covers can be re-used. Simply push the cover into the socket following plastering and remove the marker cover.



System accessories:  
Wandleuchten-Anschlussdose UWA viz stránka:



Type	Colour	Length mm	Width mm	Box Quantity pcs	Pack. pcs	Weight kg/% pc	Art. No.
UV 80 KSD	red	80	80	50	50	1,300	<b>2003 33 3</b>

Marker covers protect the interior, screw domes and screw heads during plastering. The marker bundles make it easy to relocate the sockets and boxes once plastering is complete. Marker covers can be re-used. Simply push the cover into the socket following plastering and remove the marker cover.



System accessories:  
Verbindungskasten UV 80 K viz stránka:



Type	Colour	Length mm	Width mm	Box Quantity pcs	Pack. pcs	Weight kg/% pc	Art. No.
UV 100 KSD	red	100	100	50	50	1,700	<b>2003 33 7</b>

Marker covers protect the interior, screw domes and screw heads during plastering. The marker bundles make it easy to relocate the sockets and boxes once plastering is complete. Marker covers can be re-used. Simply push the cover into the socket following plastering and remove the marker cover.



System accessories:  
Verbindungskasten UV 100 K viz stránka:

## CEE mounting box



Type	Colour	Pack. pcs	Weight kg/% pc	Art. No.
2392	light grey	5	10,500	<b>6024 00 9</b>

Flush-mounted box for the installation of CEE sockets. The accessory socket can also be used for installation in WDK trunking. Straight version, 16 and 32 A, hole clearance 60 x 60 mm  
Supplied complete with 1 strain-relief saddle  
1 ED 16 push-in seal,  
1 VS 16 sealing plug plus 4 M5 x 18 cheese head screws for fastening the socket.

System accessories:

## CEE cover plate for mounting box



Type	Colour	Pack. pcs	Weight kg/% pc	Art. No.
2393/UP	light grey	5	4,300	<b>6024 10 6</b>

The cover plate can be used in conjunction with the flush-mounted box to provide a neat wall solution.

## Cavity wall accessory socket



Type	Colour	Milling hole Ø mm	Height mm	Ø max. mm	Box Quantity pcs	Pack. pcs	Weight kg/% pc	Art. No.
HG 60	orange	68	45	68	250	25	2,460	<b>2003 41 4</b>



Windtight accessory socket. Dimensions to DIN 49073-1, for board thicknesses 7 - 35 mm. Standard combination clearance 71 mm, option for through-wiring using adapters on combined accessory sockets and accessory conduit boxes, 8 Knockout openings for NYM cables, data cables and pipes Ø 20 mm. Accessory boxes can also be used as conduit boxes to VDE 0606-1 with double screw fixing and screw cover, degree of protection .



## Cavity wall accessory socket/conduit box



Type	Colour	Milling hole Ø mm	Height mm	Ø max. mm	Box Quantity pcs	Pack. pcs	Weight kg/% pc	Art. No.
HV 60	orange	68	61	68	250	25	2,740	<b>2003 44 2</b>



Windtight accessory socket/conduit box. Dimensions to DIN 49073-1, for board thicknesses 7 - 35 mm. Standard combination clearance 71 mm, option for through-wiring using adapters on combined accessory sockets and accessory conduit boxes, 8 Knockout openings for NYM cables, data cables and pipes Ø 20 mm, accessory sockets can also be used as conduit boxes to VDE 0606-1 with double screw fixing and screw cover, degree of protection .



### Cavity wall double accessory socket

Type	Colour	Milling hole Ø	Height	Length	Width	Box Quantity	Pack.	Weight	Art. No.	ÖVE	D'E
		mm	mm	mm	mm	pcs	pcs	kg/% pc			
<b>HG 60/2</b>	orange	68	50	138	68	100	10	5,500	<b>2003 42 2</b>		

Windtight double accessory socket, for 2 single switch boxes or 1 double switch box, with 4 accessory screws. Dimensions to DIN 49073-1, for board thicknesses 7 - 35 mm. Standard combination clearance 71 mm, 14 Knockout openings for NYM cables, data cables and pipes Ø 20 mm, degree of protection .



### Cavity wall conduit box with cover

Type	Colour	Milling hole Ø	Height	Ø	Box Quantity	Pack.	Weight	Art. No.	ÖVE	D'E
		mm	mm	max.	pcs	pcs	kg/% pc			
<b>HV 70 D</b>	orange	74	50	74	100	10	3,750	<b>2003 43 0</b>		

Windtight conduit box with cover, dimensions to DIN 49073-1, for board thicknesses 7 - 35 mm. 8 Knockout openings for NYM cables, data cables and pipes Ø 20 mm, degree of protection .



### Cavity wall junction box

Type	Colour	Height	Length	Width	Box Quantity	Pack.	Weight	Art. No.	ÖVE	D'E
		mm	mm	mm	pcs	pcs	kg/% pc			
<b>HV 100 KD</b>	orange	50	105	105	25	25	6,300	<b>2003 44 9</b>		

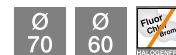
Junction box 20 Knockout openings for NYM cables, data cables and pipes Ø 20 mm, with cover and cover screws, with white cover and cover screws (flame-resistant to VDE 0471/DIN 695 Part 2-1, test temperature 750°C), for board thicknesses 7 - 35 mm. Suitable for the installation of standard rails (top hat and carrier rails) for terminal blocks, degree of protection .



### Universal cover

Type	Colour	Ø	Box Quantity	Pack.	Weight	Art. No.	ÖVE	D'E
		max.	pcs	pcs	kg/% pc			
<b>UGUD</b>	white	84	400	25	1,070	<b>2003 23 6</b>		

Universal cover for all types of socket, cover with central fastening for conduit boxes, screw hole clearance 60 mm for accessory sockets and accessory conduit boxes, screw hole clearance 67 mm for conduit boxes, edge of cover sits flush, keyed surface, cover screws can be countersunk.



## Everything from OBO

Our aim is clear: we want to be able to provide you with everything you need for efficient electrical installation, whatever you might be installing and wherever you might be installing it. It is for this reason that our offer is subject to a process of continuous development in order to be able to meet ever-changing practical requirements. With two new systems, you can now rely on OBO products for flush-mounted and cavity wall installations.

As you would expect, all the products in these systems complement one another perfectly. A high-quality range with a great deal of attention to detail and numerous accessories for all types of application provides the ideal conditions for quick and easy work – along with the security of knowing that just as little effort will be required for retrofitting work. OBO flush-mounted and cavity wall systems are reliable tools which remain in the background but make their presence felt in the foreground.



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