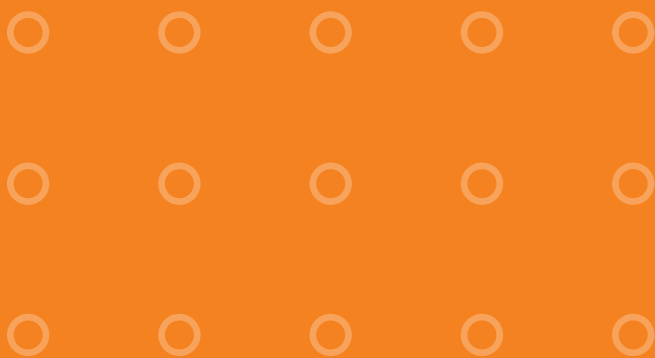


# A concept with a future

Integrated device series Modul 45 from OBO

New possibilities for  
concealed and cavity wall installations

EGS device systems



**OBO**  
BETTERMANN

## The Modul 45 principle

Click into place instead of flipping out!



### Click and play: Install with OBO

Every building is different. And for this reason every electronics installation needs an individual solution. The Series Modul 45 offers extremely efficient solutions. It's universally installable - in device installation ducts, in underfloor systems, in service column systems – and now also in concealed and cavity wall applications. In interaction with ducts and cover frames, it represents a system where everything fits perfectly with everything else – and one that can, at any time, be developed and adapted to new conditions. Switches, sockets and data infrastructure can very simply be clicked on: Installation of devices was never this easy!

### The advantages of Modul 45 at a glance:

- Modular construction
- Quick and simple design
- Easy mounting
- High efficiency through savings in time and cost
- Varied application possibilities
- Space-saving
- Simple interchangeability
- Great adaptability
- Appealing design



**Power supply unit**

All good things come from above: The extremely robust power supply unit, which naturally fits with Modul 45 devices, is designed to be hung from the ceiling and offers connection possibilities for electricity, data infrastructure and compressed air. Pre-loaded and pre-assembled units are available.



**Device installation ducts with 80 cover**

The device integration channels, made from plastic, steel plating or aluminium, distinguish themselves with their absolute ease of installation, modular system construction and use of practical materials. Modul 45 equipment can be integrated through the use of accessory mounting boxes and cover frames.

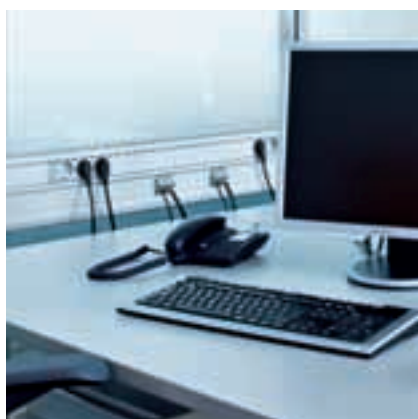


**Deskbox**

Well provided for: The Deskbox can be individually equipped with data and communication ports, sockets and switches from the Modul 45 series. And the Deskbox, with its elegantly curved shape, optically enriches the desktop.

**Installation column**

There can hardly be a better flow of energy: The ISS installation column systems from OBO allow for the unhindered positioning of maintenance points in close proximity to workstations. Equipped with Modul 45 integrated devices, a flexible future is always built-in.



**Device installation ducts Rapid 45**

Simple assembly, perfect optic: The device installation duct Rapid 45 is universally applicable, can be installed as skirting ducts and wall ducts, and offers plenty of space for any number of cables. Switches and plugs, and the like, can be clicked into the channel with one hand.



**Underfloor systems**

OBO underfloor systems offer comfortable and secure access to local power supply, to internal and external data networks or to telecommunications equipment. Especially elegant is the hidden cable conduit. The Modul 45-enabled programme contains solutions for all types of floors and areas of application.



**Concealed and cavity wall systems**

Modul 45 integrated devices are more and more in use. With new solutions and products, OBO is becoming the first choice in the growing demand for practical components. The concealed and cavity wall solutions also provide new installation possibilities.

**NEW**

## An attractive new office environment

More possibilities for electrical installation



### **Aesthetics with a kick: Modern design**

Future-oriented space concepts are distinguished by their flexibility. In a time of constant change, electrical installations also need to show the greatest possible flexibility. Changes need to be able to be made without great effort. That such functionality doesn't need to compromise the aesthetic side of things is shown by the EGS Series Modul 45, a series which has proved itself daily in exclusive locations. Finally, the advantages of the Modul 45 in the areas of functional variety and easy mounting can also be made use of in concealed and cavity wall situations. Due to a wide number of possible variations, the system is able to adapt to any environment. The products are available in pure white and aluminium colours.

### Technology with a click: An expanded programme with Modul 45

For the use of the Modul 45 in concealed and cavity wall situations, the range is extended with accessory sockets and support plates with 1, 2 and 3 pins. Snap-on cover frames for the ½ Modul, the 1 Modul, the 1½ Modul, 2 Modul and 3 Modul allow for the desired combination of Modul 45 components. A support plate allows for the integration of Modul 45 devices in a standard accessory socket with screw fastening. For the ½ Modul and 1 Modul, cover frames are available. And there's also something new for the switch: A button with an LED light, an off switch and changing switch with name shield in ½ Modul width, as well as changeover and cross switches in Modul width 1 complete the range. Also new to the range are electronic devices with various components. And thus one is equipped for almost any situation.



#### Electronic devices

For the private as well as the office environment for control and regulation purposes there are also electronic devices such as timers, roller blind timers, room temperature regulators and motion detectors available.

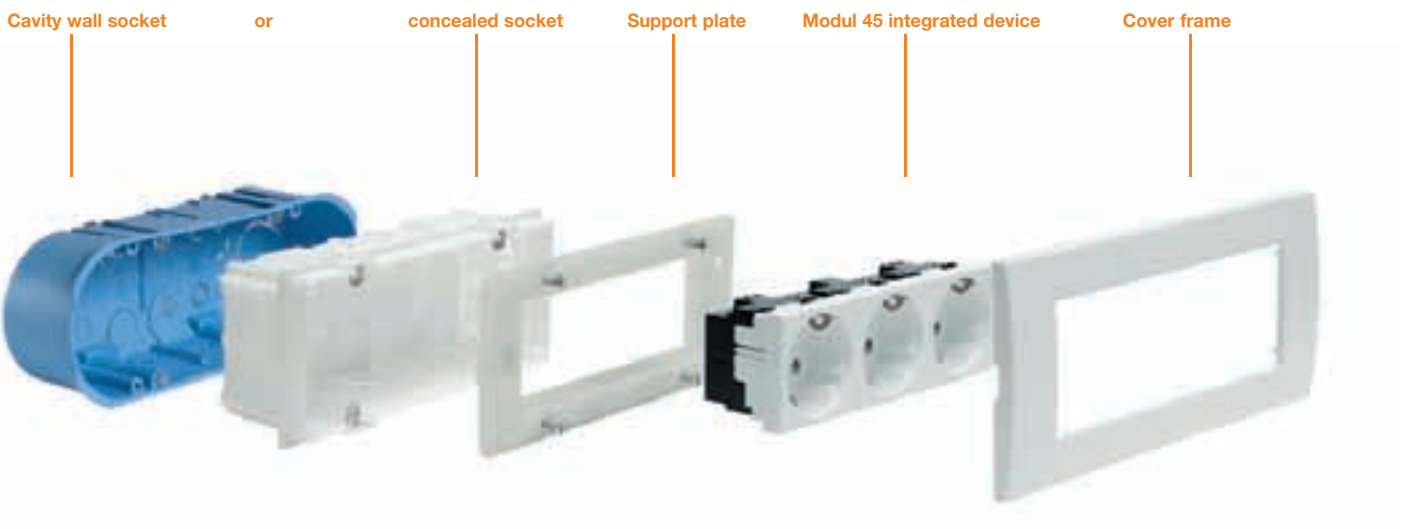
#### Equipotential bonding

These days, installation in rooms which are used for medical purposes have high safety demands. The equipotential bonding socket allows for the integration of terminal devices in a unified earthing concept.

#### Safety power supply




For the differentiation of emergency power circuits on business premises all sockets are available in orange, green and red colours. In this way, for example in laboratories, all requirements of DIN VDE 100 Part 710 are implemented.

#### Modular construction for the greatest flexibility:



# The Modul 45 range

## Simply order! Simply install!

	Type	Colour	Art. No.		Type	Colour	Art. No.
<b>Socket</b> 1x 0° 	SKSD 90 RW	Pure white	6117 00 1	<b>Off switch*</b> 1 Modul 	AS/45	Pure white	6117 64 4
	SKSD 90 OR	orange	6117 00 3		AS/45	alu. painted	6117 64 5
	SKSD 90 GN	green	6117 00 5		AS/45/NA	Pure white	6117 65 0
	SKSD 90 RT	red	6117 00 7		AS/45/NA	alu. painted	6117 65 1
	SKSD 90 AL	alu. painted	6117 00 9		AS/45/K	Pure white	6117 64 7
				AS/45/K	alu. painted	6117 64 8	
<b>Socket</b> 2x 0° 	SKSD 90 RW	Pure white	6117 01 2	<b>Changeover switch</b> 1 Modul 	WS/45 WS/45	Pure white	6117 64 0
	SKSD 90 OR	orange	6117 01 4			alu. painted	6117 64 1
	SKSD 90 GN	green	6117 01 6				
	SKSD 90 RT	red	6117 01 8				
	SKSD 90 AL	alu. painted	6117 02 0				
<b>Socket</b> 3-pin 0° 	SKSD 90 RW	Pure white	6117 02 3	<b>Series switch</b> 1 Modul 	SE/45 SE/45	Pure white	6117 61 5
	SKSD 90 OR	orange	6117 02 5			alu. painted	6117 61 6
	SKSD 90 GN	green	6117 02 7				
	SKSD 90 RT	red	6117 02 9				
	SKSD 90 AL	alu. painted	6117 03 1				
<b>Socket</b> 1-pin 33° 	SKSD 33 RW	Pure white	6117 04 1	<b>Cross switch</b> 1 Modul 	KS/45 KS/45	Pure white	6117 63 7
	SKSD 33 OR	orange	6117 04 3			alu. painted	6117 63 8
	SKSD 33 GN	green	6117 04 5				
	SKSD 33 RT	red	6117 04 7				
	SKSD 33 AL	alu. painted	6117 04 9				
<b>Socket</b> 2-pin 33° 	SKSD 33 RW	Pure white	6117 05 2	<b>Roller blind switch / button</b> 1 Modul 	RS/45 RS/45 RT/45 RT/45	Pure white	6117 65 4
	SKSD 33 OR	orange	6117 05 4			alu. painted	6117 65 5
	SKSD 33 GN	green	6117 05 6			Pure white	6117 65 7
	SKSD 33 RT	red	6117 05 8			alu. painted	6117 65 8
	SKSD 33 AL	alu. painted	6117 06 0				
<b>Socket</b> 3-pin 33° 	SKSD 33 RW	Pure white	6117 06 3	<b>LED element</b> Construction control light (K) 	LED/200 LED/300	red	6117 75 7
	SKSD 33 OR	orange	6117 06 5			green	6117 75 8
	SKSD 33 GN	green	6117 06 7				
	SKSD 33 RT	red	6117 06 9				
	SKSD 33 AL	alu. painted	6117 07 1				
<b>Switch*</b> 1/2 Modul 	TA	Pure white	6117 67 0	<b>Surge protection</b> 1/2 Modul 	Able to signal both optically and acoustically  ÜSS 45-0 ÜSS 45-0 ÜSS 45-A ÜSS 45-A	Pure white	6117 47 3
	TA	alu. painted	6117 67 1			alu. painted	6117 47 5
	TA/NA	pure white	6117 67 5			Pure white	6117 46 5
	TA/NA	alu. painted	6117 67 6			alu. painted	6117 46 7
	TA/K	Pure white	6117 67 8				
TA/K	alu. painted	6117 67 9					
<b>Off switch*</b> 1/2 Modul 	AS	Pure white	6117 62 0	<b>Antenna socket</b> for TV, radio and SAT 	ANT/45 ANT/45	Pure white	6117 58 9
	AS	alu. painted	6117 62 1			alu. painted	6117 59 1
	AS/NA	Pure white	6117 61 7				
	AS/NA	alu. painted	6117 61 8				
	AS/K	Pure white	6117 62 4				
AS/K	alu. painted	6117 62 5					
<b>Changeover switch*</b> 1/2 Modul 	WS	Pure white	6117 62 7	<b>Blanking cover</b> 1/2 and 1 Modul 	BD 45 1/2 BD 45 1/2 BD 45 1/1 BD 45 1/1	Pure white	6117 41 4
	WS	alu. painted	6117 62 8			alu. painted	6117 41 6
	WS/NA	Pure white	6117 63 4			Pure white	6117 40 6
	WS/NA	alu. painted	6117 63 6			alu. painted	6117 40 8
	WS/K	Pure white	6117 63 0				
WS/K	alu. painted	6117 63 1					

\* Explanation of switch type. NA corresponds to construction with name plate, K corresponds to construction with control light.

**Telephone connection box**  
1 Modul



**Equipotential bonding socket**  
1 Modul



**Radio switch**  
1/2 Modul



**Radio receiver**  
1 Modul



**Relay performance**  
Electronic devices



**Motion detector**  
for relay performance



**Timer**  
for relay performance



**Roller blind timer**  
for relay performance



**Room temperature regulator**  
for relay performance



Type No.	Colour	Art.
TAE/45 6F TAE/45 6F	pure white aluminium painted	6117 42 8 6117 43 0
PAD 45 PAD 45	pure white aluminium painted	6119 99 8 6119 99 9
FS 45 FS 45	pure white aluminium painted	6117 69 5 6117 69 7
FEP 3/S-D FEP 3/S-D	pure white aluminium painted	6117 69 0 6117 69 2
URW/45 UR2K/45	- -	6117 66 2 6117 66 5
	For RW/45	
ABM180/45 ABM180/45	pure white aluminium painted	6117 37 0 6117 37 2
	For URW45 und URK/45	
AZU/45 AZU/45	pure white aluminium painted	6117 35 2 6117 35 4
	For UR2K/45	
ARZU/45 ARZU/45	pure white aluminium painted	6117 36 4 6117 36 6
	For RW/45	
ARTR/45 ARTR/45	pure white alu. painted	6117 35 8 6117 36 0

**Connection module**  
Cat. 5 and Cat. 6



**Support plate**  
Connection module



**Concealed accessory socket**  
1-, 2-, 3-pin



**Cavity wall accessory socket**  
1-, 2-, 3-pin



**Support plates**  
for accessory sockets  
1-, 2-, 3-pin



**Cover frame**  
Accessory socket  
M45/1



**Cover frame**  
Accessory socket  
M45/2 and M45/3



**Support plate for connection module**  
Standard accessory socket



**Cover frame**  
Standard accessory  
socket



Type	Colour	Art. No.
ASM C5 G ASM C6 G ASM C5 ASM C6		6117 32 5 6117 32 9 6117 33 7 6117 34 1
	Oblique (S) and straight (G)	
DM 45 RM / S DM 45 RM / S DM 45 RM / G DM 45 RM / G	pure white alu. painted pure white alu. painted	6117 31 5 6117 31 6 6117 31 9 6117 32 0
UG-UP M45/1 UG-UP M45/2 UG-UP M45/3	natural natural natural	6119 94 0 6119 94 1 6119 94 3
HG-UP M45/1 HG-UP M45/2 HG-UP M45/3	blue blue blue	6119 95 0 6119 95 1 6119 95 2
TG-UP M45/1 TG-UP M45/2 TG-UP M45/3	transparent transparent transparent	6119 95 5 6119 95 6 6119 95 7
ADR-UP M45/1/2 ADR-UP M45/1/2 ADR-UP M45/1 ADR-UP M45/1 ADR-UP M45/1-1/2 ADR-UP M45/1-1/2	pure white alu. painted pure white alu. painted pure white alu. painted	6119 96 0 6119 96 2 6119 96 4 6119 96 6 6119 96 8 6119 97 0
ADR-UP M45/2 ADR-UP M45/2 ADR-UP M45/3 ADR-UP M45/3	pure white alu. painted pure white alu. painted	6119 97 2 6119 97 4 6119 97 6 6119 97 8
TG-UP 80/1	With screw fastening Transparent	6119 93 4
ADR 80/45/1-2 ADR 80/45/1-2 ADR 80/45/1 ADR 80/45/1	pure white alu. painted pure white alu. painted	6119 98 2 6119 98 4 6119 98 6 6119 98 8

### Clicking all over the world

Additional Modul 45 sockets are available for use in other countries. Included among these is a complete range with an earthing pin. The range includes the 1-pin, 2-pin and 3-pin sockets in 0° and 33°, as well as in coded and uncoded constructions. All sockets with earthing pins are available in the usual colours of pure white, orange, green, red and aluminium. For the use of coded sockets a coded pin is necessary, which needs to be fitted into the connector (separate piece). Further to this, a 1-pin socket as is normal in Switzerland is available in pure white.



**OBO. Used by professionals.**



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