

October 2022 edition

Blick

Building Connections

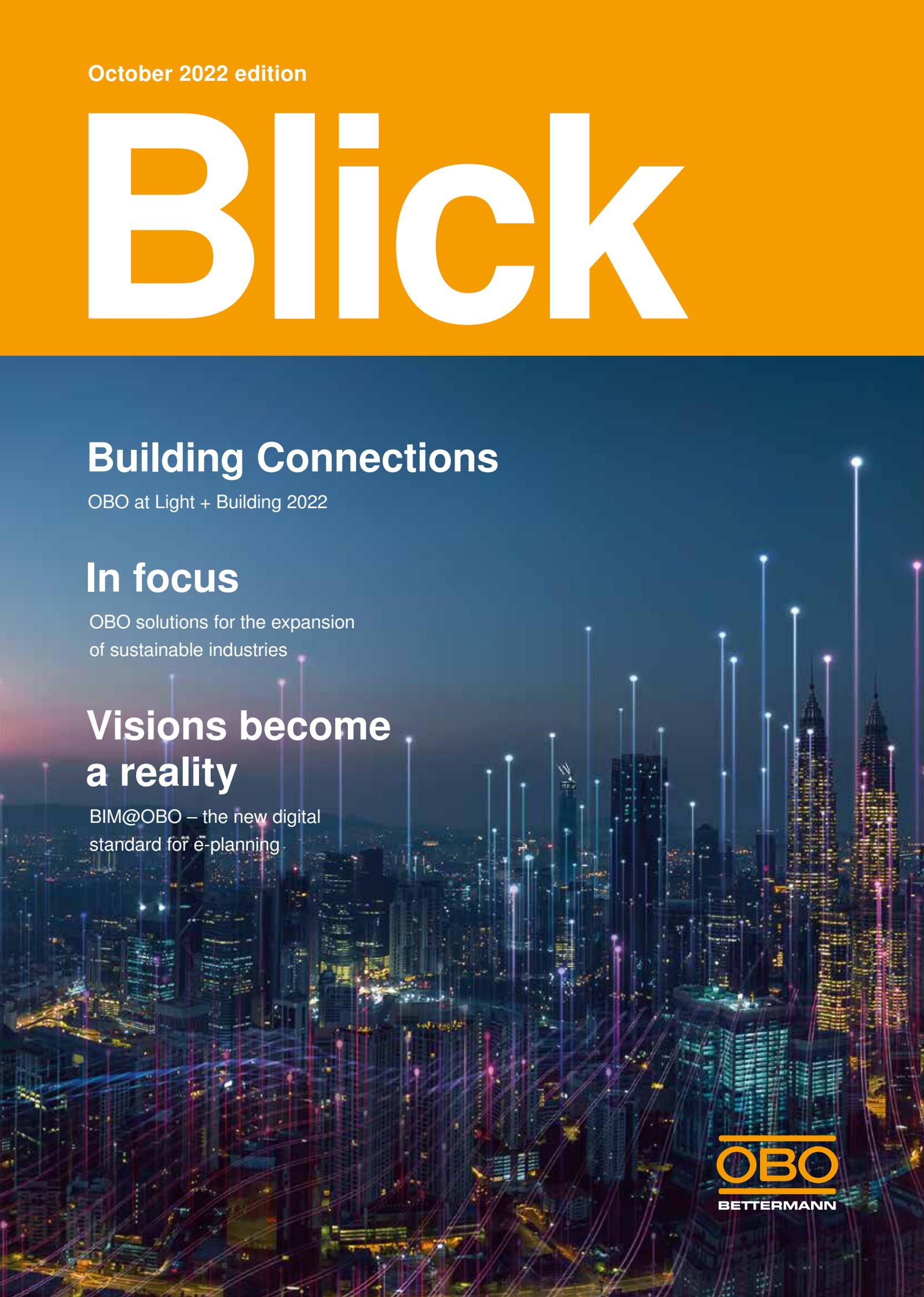
OBO at Light + Building 2022

In focus

OBO solutions for the expansion
of sustainable industries

Visions become a reality

BIM@OBO – the new digital
standard for e-planning



OBO
BETTERMANN

Light + Building 2022

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Building Connections at Light + Building 2022



Digitalisation, the Energiewende (energy transition), mobility – the future is gathering speed. And at OBO Bettermann, we are proud to be a driving force. And as a facilitator, we make connections with innovations that make a decisive contribution towards further developing the connected world – both for, and together with, our customers. Welcome to Light + Building 2022!

Due to the sector's leading international trade fair for lighting and building technology being postponed several times because of the pandemic, we are now particularly pleased to be able to welcome you again – either digitally or at the fair. It will be exciting to see how interacting in person and using digital communication will work. In any case, Light + Building will offer an excellent opportunity to revive long-lasting contacts and to connect in person once again.

International leading trade fair for lighting and building technology

Under the motto "Building Connections", visitors to the OBO stand can expect a lot. The stand is divided into our three installation areas and is more extensive than ever before. On an area of more than 1,000 square metres, we will not only be presenting the OBO product innovations of 2022 – well thought-out and future-oriented solutions that make the construction of energy and data supply easier, more economical and safer. We will also be presenting system solutions for sustainable industries such as photovoltaics and electromobility.

It was not only the pandemic that demonstrated how important digitalisation has already become for the electrical industry. OBO took a leading role and responded to this development very early on by offering various digital tools. The common goals here are saving time and making work easier for planners, electrical engineers and tradespeople. Examples for this are the OBO Construct planning software or BIM@OBO, the new digital standard for planning electrical installations.

Hall 12.1, stand D90/E90/E91

This edition of OBO Blick provides you with a first glimpse of the highlights from OBO Bettermann this year. I cordially invite you to take part from 2 to 6 October 2022 in hall 12.1, stand D90/E90/E91. Be our guest and find out for yourself what OBO has to offer!

Yours

Michael Bünfeld | Chief Sales Officer
OBO Bettermann
Holding GmbH & Co. KG

Bringing you right up to date!

OBO at Light + Building 2022



The leading international trade fair. The highlight of the industry. A driving force. No matter what one wants to call the Light + Building trade fair – a visit is a must. And our presence at the trade fair is not one to be missed!

Light + Building 2022 is taking place from 2 to 6 October, this time as an autumn edition in a hybrid form. As our guest, you can look forward to all the new products from our three application areas, as well as to industry solutions and a range of digital innovations. A varied supporting programme with expert discussions, interviews, competitions and virtual reality applications will round off our trade fair presence. In short: everything from around the world of OBO on an area of more than 1,000 square metres. At Light + Building, you can discover what we mean by "Building Connections" – either digitally or at the fair in Frankfurt. We look forward to seeing you.





The walkable cable tray system BKRS – effective protection of supply cables

The conditions in modern industrial plants present huge risks to sensitive power, data and control cables. It is therefore even more important that electrical installations of machinery and systems can reliably withstand the different types of challenging environments. The walkable BKRS cable tray system from OBO creates a closed area that protects cables and lines against dirt and impacts, with special dust protection elements at the cover joints to prevent the ingress of foreign objects.

The measurements and materials of the walkable cable tray system comply with the directives and demands of various industry sectors, such as numerous automobile manufacturers, such as numerous automobile manufacturers. Prominent names within the industry like BMW and VW already put their trust in the walkable cable trays from OBO.

- Available in the side heights of 100 mm and 110 mm
- Six different widths from 100 mm to 600 mm
- Anti-slip and kick-resistant thanks to chequered cover
- Tested anti-slip class R11 and displacement space class V10

The OBO virtual reality experience – scale the heights with BKRS!

Are you brave enough to try the “Sky Walk Experience”? Find out at the OBO stand using the virtual reality application. We’ll take you to the tallest buildings in famous cities – and once you are at the top, see if you dare step out onto our BKRS walkable cable tray. A breathtaking thrill is guaranteed!





The new OBO WIN series flush-mounted and cavity wall boxes

With the WIN series, OBO is presenting a completely new range of flush-mounted and cavity wall boxes. The many clever product details and a focus on easy and smooth working mean that important time can be saved on-site. The highlights of the range are:

- Screw domes for the precise fastening of devices
- Cable and pipe entries with labelling for easier selection
- Combination pipe entries M20 and M25
- Membrane entries made of TPE (airtight variants)
- Flush-mounted boxes with connectors that have a bayonet lock which can be coupled on both sides for maximum flexibility
- Cavity wall boxes that have connectors with approximately 8% more volume than conventional models

The WIN series is rounded off by an accessory range, which includes the Quick-Fix quick fastening technology, enabling you to fix the flush-mounted box in the wall without plaster or adhesive. Another clever accessory is the fastening element which can be used to attach cavity wall boxes even to thin panelling.

The hinged system for quick installations and subsequent installations

The Quick pipe system combines the benefits of cable trunking with electrical installation pipes. This results in an intelligent system for surface-mounted installations, consisting of Quick pipe electrical installation pipes, Quick clips and a selection of fittings. In time for their 20th anniversary, the fittings have been optimised once again and make the installation easier than ever before.

Smart means quick

Cables and lines can be put into the open Quick pipe electrical installation pipes as you would into open cable trunking. After putting the cables in the Quick pipe is rotated in the Quick clip. This simple movement means the pipe is closed tightly and there is no longer any need to pull cables through. The rotation mechanism also allows easy opening of the Quick pipe which means retro-installations are no problem at all.

The installation of the Quick pipe system is particularly flexible and uncomplicated thanks to the fittings, namely the T piece, connection sleeve and 90° bend.

The Quick pipe fittings at a glance

- Available in four metric sizes: M16, M20, M25 and M32
- Can be used in a temperature range of $-25\text{ }^{\circ}\text{C}$ to $+60\text{ }^{\circ}\text{C}$
- Made from halogen-free material for more safety if there is a fire
- Can accept both Quick pipe electrical installation pipes and corrugated pipes



UDHOME floor sockets and floor boxes

Underfloor sockets that provide ideal electrical and data points

UDHOME sockets supply electricity, data and multimedia technology wherever it's needed. The floor sockets and floor boxes fit seamlessly into the interior architecture thanks to their elegant and discreet design. When the cover is closed only the high-quality surfaces of pure stainless steel or solid brass are visible. Thanks to their sturdy construction, they are also resistant to day-to-day impacts in living areas, offices and administrative buildings.

- **Floor boxes:** They can be equipped with many devices and in dry-cleaned floors the UDHOME4 and UDHOME9 floor boxes are the ideal solution.
- **Floor sockets:** The UDHOME2 and UDHOME-ONE floor sockets measuring 140 x 140 mm combine an elegant look with excellent functionality.

The smallest and most sustainable

The UDHOME-ONE floor socket is the newest and smallest of the product range. Thanks to its small exterior measurements and a low minimum installation depth of 75 mm, it can be integrated into the floor easily. Another great feature of the UDHOME-ONE is its high load capacity of up to 15 kN on a large area and 3 kN on a small area.

The floor socket is available with either one data and one power connection or with two power connections. Power connections are made via the Modul 45 series, and no matter which type of connection is used, the cover can still be closed. The cover is available in two versions: with floor covering recess (15 mm) or with a decorative plate.

- Available in stainless steel or brass
- Can be used throughout the entire life of a building
- Suitable for use in thin screeds
- Shallower and therefore more energy-efficient due to the higher heating dynamics
- VDE-certified for the separation of power and data



I remain stable
no matter what
happens.



OBO
FLOOR
COMPETENCE

OBO cassettes – this is how to make floors good

Be it an office or an events room, loft or showroom – the new generation of compact and flush-floor OBO cassettes offers both robust as well elegant solutions for power, data and multimedia connections. The cassettes are the reliable and flexible premium solution for underfloor installations in high-quality project construction.

Robust, elegant, flush to the floor

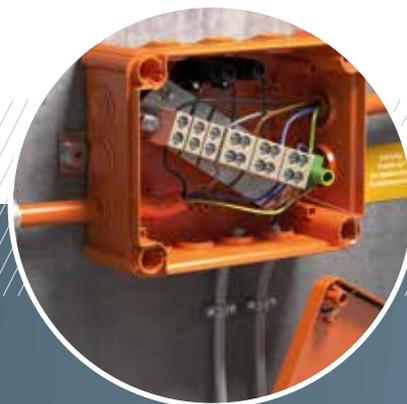
Due to their stability and longevity, the OBO cassettes are often used in natural stone or tile floors where solidity and an exact border between floor covering and cassette are required. They are also ideally suited to special applications in screed floors. With OBO cassettes all of the design, safety and construction demands of projects can be met.

Quality with depth – from the idea to the implementation

The OBO cassettes can be adjusted to the height of the finished floor and – as a special version – can also be used acoustically decoupled. They are available in a rectangular design for dry, moist and wet-cleaned floor coverings. Any floor coverings such as tiles, stone, marble, parquet, wooden floorboards or also PVC and vinyl can be integrated perfectly.

So everything runs smoothly

Smooth floor areas created, for example, using polished concrete or mastic asphalt flooring are a big trend in modern interior architecture. Architects and building contractors appreciate them for their multiple design options and also for their cost-effectiveness. We at OBO are the only provider in the market that offers a special underfloor solution as part of their portfolio which allows access points to the electrical installations to be integrated into the floor without joints – namely, the cassette lined body for polished screeds. This product allows the jointless and flush-to-the-surface installation of cassettes into the floor, creating a smooth and high-quality look completely without cracks and joins.



PYROLINE® Rapid PLM

100% fire protection, 0% stress

The PYROLINE® Rapid PLM fire protection duct combines the characteristics of a rated and classified fire protection duct with those of a standard electrical installation duct. This prevents the outbreak of fire caused by the electrical installation and offers flexible and discreet solutions in new buildings and in renovations.

The fire protection duct consists of an external steel construction with an intumescent fire protection mesh attached to the inside which foams up in the event of a fire, thus preventing its spread.

- **Innovative** due to the connection and sealing technology on the inside
- **Time-saving** and safe due to the connection without tools
- **Flexible** and can be laid into the corners of a room without waste
- **High-quality optics** thanks to concealed connection and fastening
- **Future-proof** through the European EI30/60/90 classification

V10 Compact 2.0

The second generation of the compact surge protective device

The established V10 Compact surge arrester is being replaced by the even more optimised V10 Compact 2.0 version. The compact surge protective device type 2+3 has a discharge capacity of up to 60 kA (8/20) in total. It offers an integrated 3+1 solution for TN and TT network systems in a 45 mm module width and has high-performance varistor technology.

The new version of the arrester is now suitable for use not only in sub-distributions but also in the main distribution system without any external lightning protection and with the feed-in via earthing cables, as well offering device protection of three-phase systems.

- Compact design with a width of only 45 mm
- Enlarged screw openings
- Thermal and dynamic cut-off unit
- Visual LED function display

The FireBox range

For simple fireproof connections

Safety-relevant electrical cables and lines can be connected in a fireproof way using the FireBox range from OBO. The FireBox is approved for the maintenance of electrical function to DIN 4102 Part 12. At its core are the ceramic connection terminals that ensure a safe mechanical and electrical connection in the event of a fire. The concisely structured portfolio offers the appropriate solution for any application or application situation.

- Made from halogen-free thermoplastics which prevent the formation of dangerous gasses in a fire
- Protection rating IP66: particularly robust and resistant
- Easy and quick to mount
- Concise portfolio for versatility and simple selection
- Can be fastened to cable trays, cable ladders and mesh cable trays with universal mounting plates



PYROPLUG® MagicBox

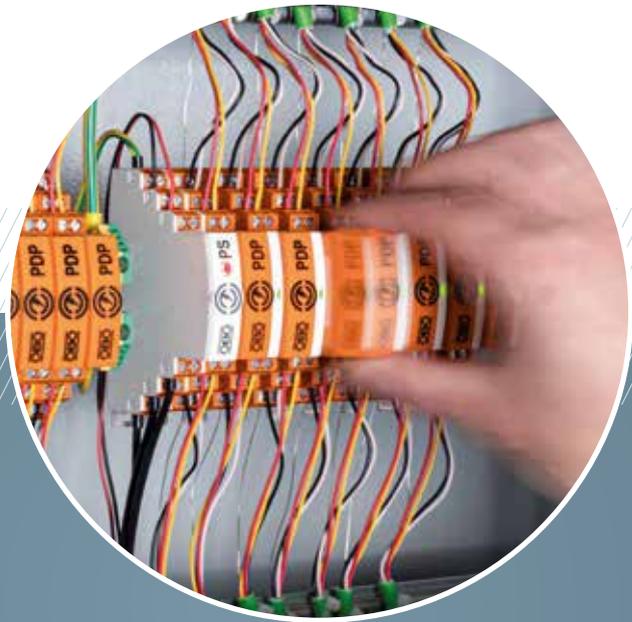
A modular system for safe and simple fire protection insulations

In the event of a fire it is essential to prevent the spread of fire and smoke. The PYROPLUG® MagicBox from OBO offers a highly effective solution. It can be applied equally reliably during the construction phase as well as during retro-assignments. It enables flexible and regulation-conforming insulations of cables, pipes and lines.

The MagicBox has a fire protection inlay of foam which expands in the event of a fire. An insulating plastic foam forms and prevents fire and smoke passing through the cable insulation.

The PYROPLUG® MagicBox is available as a three-sided or four-sided version. The four-sided version consists of two housing halves that click together via the Magic connection. It can be used as insulation in walls and ceilings. The three-sided version consists of a one-part stainless steel housing and can be used in many different ways, such as in walls, on raw floors, beneath system floors and as insulation for rising sections in ceilings.

- The inner space can be assigned fully
- Large interior measurements
- High-level of application safety when mounting
- Practical click-in closure (in the four-sided version) for flexible installations
- Insulation system tested and classified to European standards



PDP-OS

Plug-in device series for reliable MCR protection

Measurement, control and regulation technology forms the heart of modern industrial companies. With their plug-in upper parts, the universal data protection devices from the PDP series round off the OBO portfolio of MCR protection. The PDP-OS devices also have visual signalling and remote signalling, so you can see with one look whether the connected system is still protected. In addition, remote signalling is possible via the voltage supply. A block of up to 25 surge protective devices can be connected and monitored per voltage supply. The combination of all PDP-OS variants in one single block is possible without problems.

- Test to DIN EN 61643-21 (D1/C2)
- Frequency range of up to 100 MHz
- Variants for directly and indirectly earthed shielded systems available
- Maximum discharge current I_{total} 20 kA
- Impulse current I_{imp} 2.5 k
- Nominal discharge current wire-wire and wire-earth I_n 10 kA
- Earthing via the DIN rail or the connection cable possible

A new look for the OBO catalogues: Improved structure, sharpened profile

At OBO, we continuously look at how we can do things better. We do it so we are able to process and fulfil our customers' concerns and requirements in the best possible way – quickly, reliably and future-oriented. With this in mind, we have not only developed our three main application areas: Industrial installations, Building installations, and Safety and protection installations, but also revised our catalogue structure. This means we can now showcase our product and service offering even better, emphasise the usability of our products more clearly, and illustrate the respective application areas more tangibly.

The newly grouped OBO catalogues are now divided into 13 catalogues in total:

As a first step, 10 of the 13 catalogues are already available: All the catalogues from the area of Safety and protection installations as well as the catalogues for connection and routing systems, cable routing systems, device installation trunking and service poles and Modul 45 installation devices. The remaining catalogues – “Cable support systems”, “Fastening materials” as well as “Floor installation systems und underfloor applications” – will be available by the end of the first quarter in 2023. If you would like to order any of the already available catalogues, please scan the QR code below which will take you to the order form.

The catalogues will be sent in high-quality slip cases and can therefore be stored in a particularly structured way.



Industrial installations

- Cable support systems
- Connection and routing systems
- Fastening materials



Building installations

- Cable routing systems
- Device installation ducts, trunking and poles
- Floor installation systems and underfloor applications
- Modul 45 installation devices



Safety and protection installations

- Surge protection
- External lightning protection
- Equipotential bonding and earthing
- Insulation and cable bandages
- Fire-tested support and routing systems
- Fire protection ducts





Lights out, spotlight on!

Every day on stage directly at the OBO stand you will find exciting expert interviews covering a wide selection of topics from the world of OBO. The themes range from digital tools, international reference projects, and subjects related to our sector,

through to the mission and vision of OBO. Don't worry if you are not able to attend the programme live. All interviews will also be available on our digital trade fair platform.

Time of recording	Time of airing	Title	Presenter	Expert
Sunday, 2.10.22				
10:00	11:00	Building Connections – the vision, mission and aims of the OBO brand	Carsten Austinat	Michael Büenefeld
12:00	13:00	Innovator – OBO product highlights at Light + Building 2022	Klaus Obersdorf	Carsten Austinat
14:00	15:00	The new catalogue structure and its application in the myOBO app	Klaus Obersdorf	Carsten Austinat
Monday, 3.10.22				
10:00	11:00	OBO Construct – planning has never been so easy	Klaus Obersdorf	Carsten Austinat
12:00	13:00	OBO floor competence – underfloor systems in building construction	Carsten Austinat	Frank Metzner
14:00	15:00	A hot tip – useful information on fire protection construction law and aims	Carsten Austinat	Stefan Ring
Tuesday, 4.10.22				
10:00	12:00	Digitalisation in construction – the planner in the context of BIM	Carsten Austinat	Prof. Achhammer (BIM-Experte)
11:00	11:00	Just data or more? Why the “I” in BIM is the most important letter (at the ZVEI technology forum)	ZVEI	Carsten Austinat
13:00	14:00	On the search for young talent	Carsten Austinat	Martin Böhm (Innungsmeister)
15:00	16:00	Success story – the OBO subsidiary in Austria	Carsten Austinat	Jürgen Marksteiner
Wednesday, 5.10.22				
11:00	12:00	World class – OBO's international customers	Carsten Austinat	Frank Metzner / Oliver Laaks
13:00	13:00	Full of energy – OBO solutions for photovoltaic systems and e-mobility	Carsten Austinat	Martin Bischoff
15:00	16:00	What's important to us – sustainability at OBO	Carsten Austinat	Matthias Gerstberger
Thursday, 6.10.22				
10:00	11:00	Knowledge advantage – learn from experts at the OBO Academy	Klaus Obersdorf	Carsten Austinat
12:00	13:00	BIM@OBO – the new digital standard for e-planning	Carsten Austinat	Stefan Gesing

Experience the Light + B

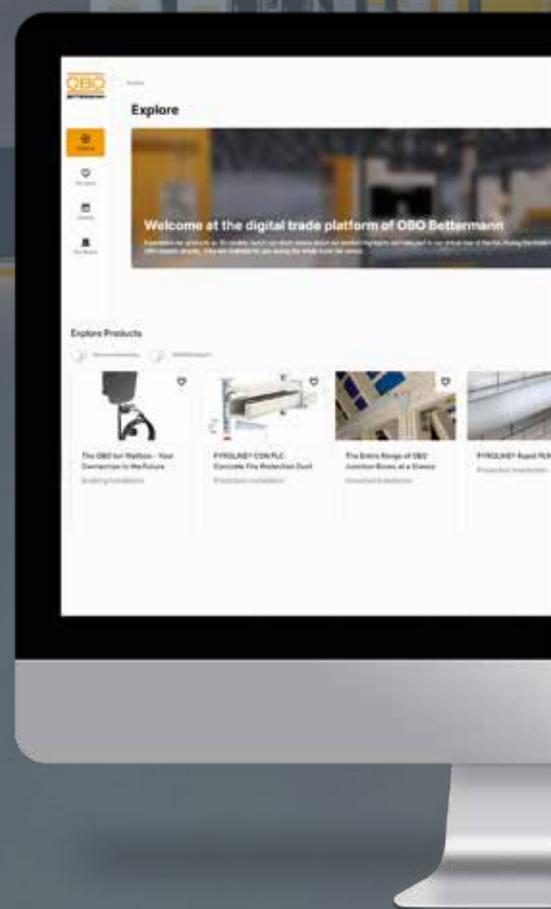
Visit the digital OBO trade fair platform

At OBO, we're looking forward to welcoming visitors to our stand at Light + Building not only in person but also on our own digital trade fair platform, which we are presenting now for the start of the trade fair. Those interested can access OBO's trade fair events and information from a location of their choosing. The platform is aimed primarily at all those who won't be able to visit the fair in person, which illustrates how helpful the digital service and support offering from OBO is. Our product configurator OBO Construct and our new myOBO app also form part of this exciting package and will also feature in this edition of OBO Blick.

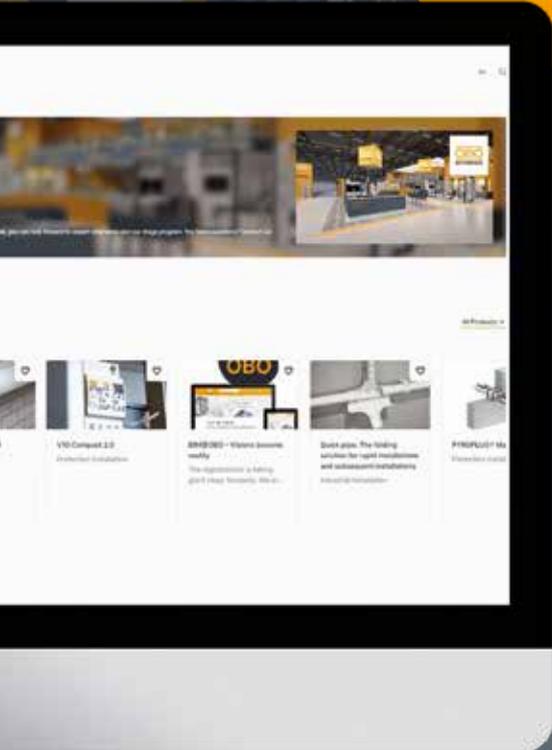
Take part in the trade fair, regardless of where you are

In the same way as at the fair in Frankfurt, visitors to the digital platform can get an overview of all the highlights and innovations from the OBO portfolio and experience them using 3D models.

Of course, presenting product highlights is not the only thing that makes a trade fair a great success, but also a varied supporting programme including presentations and stage events. On the digital OBO trade fair platform visitors have the option to attend stage presentations of our experts covering a wide range of subjects from all around the world of OBO. The topics range from digital tools to sustainability and global reference projects, through to success stories from our international subsidiaries and a glimpse into the vision and mission of OBO. You can simply save the presentations you would like to attend in your own digital trade fair folder.



Building trade fair digitally

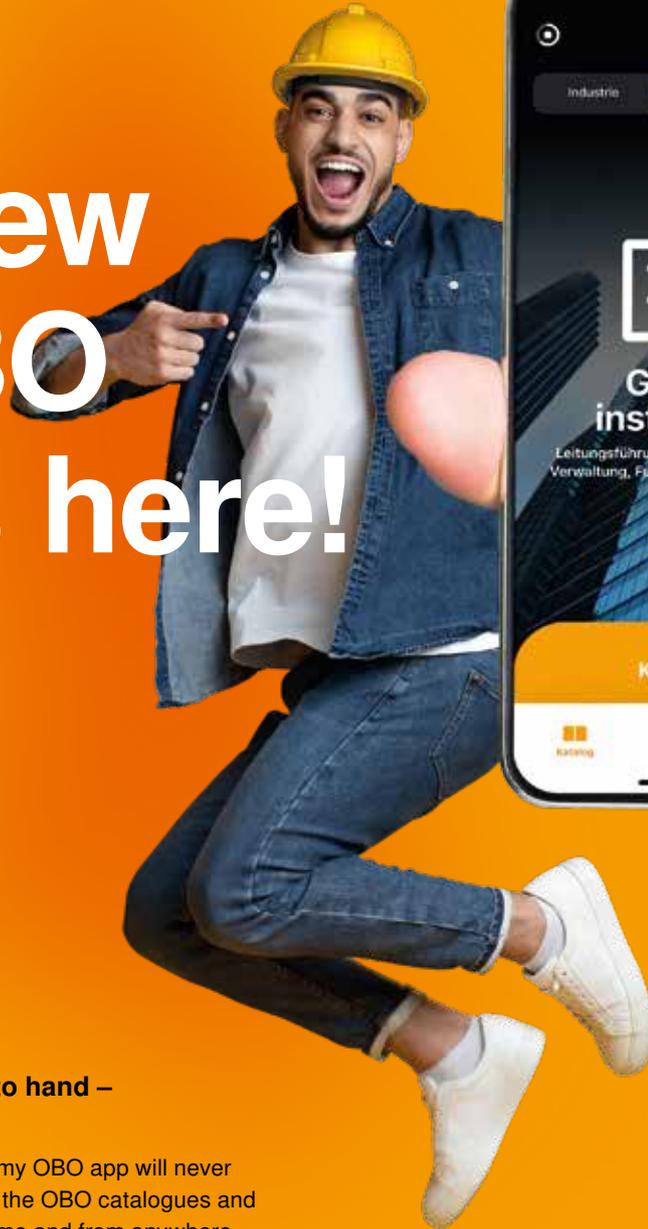


The atmosphere at a trade fair thrives on personal exchange – which is why we are including this option on the digital platform. Via our contact tabs you can contact our support team directly, to ask for advice and to exchange ideas. Our support team will be available throughout the entire trade fair via chat or video call, or you can request a call-back.

In this way, queries regarding products and many other subjects can be answered directly via the platform. The OBO support team will be ready to answer any questions you might have during the Light + Building trade fair, and the contents will remain available also after the fair.

Thanks to the many different virtual experiences, the platform makes the OBO stand accessible – regardless of the location visitors access the platform from. Just like attendees on the fair, visitors can get a concise overview of all the product highlights and innovations from the OBO portfolio and if they have any questions, they can find the right contact person straight away.

The new myOBO app is here!



All OBO catalogues always to hand – even without the internet

No internet? No problem. The new my OBO app will never let you down. You can access all of the OBO catalogues and product details via the app at any time and from anywhere. No internet connection is needed.

Administer your own projects with easy export options

Add products to projects and export your project details directly as a CSV file or send the complete parts list to your chosen wholesale trader via the Elbridge interface. Other functions of the app include a product search function using a barcode scanner and direct reordering via your wholesale trader. All functions as well as the entire app are characterised by their simple and easy-to-understand interface.

OBO Support

Do you need help? With the myOBO app you can stay in close contact with our experts and can either call, message them directly or simply request a call-back.

Even more benefits with log-in

The offline catalogue and the myOBO app search function are available without the need to log-in. Logged-in users benefit additionally from our personalised support and have access to the projects as well as the export function.



OBO Construct – planning has never been so easy!

The OBO Construct planning software supports construction planners, electrical engineers and tradespeople when planning electrical installations. A total of five planning modules are available: Earthing systems can be planned, underfloor systems can be equipped, fire insulations can be designed in accordance with standards, cable assignments for both support systems and underfloor ducts and trunking can be configured. The individual tools form a central platform that can be accessed any time, from any location and from any end device.

All OBO Construct product configurators are Elbridge-based and therefore linked directly to the online shops of electrical wholesalers. With the current interface version, Elbridge 2.0, it is possible to access the configurator via the OBO website and then to transfer the configuration result directly into the shopping basket of the chosen wholesale shop. A seamless customer experience is guaranteed!

OBO Construct is continuously updated to provide users with the best-possible support. The most recent updates include a new edition of the planning tool for surge protection, and a function extension of the tool for fire insulations.

Updated version of the surge protection tool

With the updated tool for surge protection users can plan their system according to the entrances to the building and the type of cables. For a secure safety concept, all the necessary surge protection cables are considered in the planning process (e.g. power supply, telecommunication and photovoltaics). The tool is characterised not only by its intuitive user interface but also by an extra layer of security. The normative selection and the assessment are carried out according to the current standards, VDE-AR-N 4100 and VDE 0100-443+534.

The surge protection tool aligns itself perfectly into the OBO Construct configuration landscape, which means that planning can be done across all products according to individual projects. This creates clarity for complex projects. As such, for all the product units that need to be configured there is only one database needed, meaning project data doesn't need to be put in again.

Fire protection tool allows complete documentation

The tool for fire insulations has also had an update. Users will be guided to the appropriate insulation system via only a few parameters. Using the additional documentation function it is possible to establish that an insulation has been designed properly and conforms to regulations. An automatically generated declaration of conformity can be downloaded directly, including a list of all created insulation installations and the approval of the insulation system used for each construction project. Moreover, users have the option to upload up to four photos directly from their smartphone or tablet and to edit them. Photos of proof, identification plates or fire protection certificates can easily be documented. Such complete documentation is mandatory and guarantees smooth acceptance at the end of the construction project.





Visions become a reality

Digitalisation within the construction industry is advancing in great strides. At OBO, we want to shape this dynamic development in electrical infrastructure as a leader and a pioneer. The best example of this is BIM@OBO. It is the first practical solution for BIM-compliant planning in the electrical installation sector.

The logo consists of a black circle containing the text 'BIM@OBO'. 'BIM@' is in white, and 'OBO' is in orange.

**BIM@
OBO**

Digital twins for e-planning

Building Information Modelling (BIM) simulates and improves planning and construction processes by using comprehensive digital models. It offers considerable advantages over traditional planning methods, as detailed information on all building components can be accessed at any time.

With BIM@OBO, we now enable planners, architects and installers to create BIM-compliant plans to realise electrical installations quickly, smoothly, reliably and sustainably. Users will benefit from a completely new BIM offer that has been tailored to their requirements and will support them effectively across all project and construction phases. Moreover, the direct integration into a user's preferred planning environment ensures efficient and reliable planning, be it OBO-specific or manufacturer-independent.

A system based on efficiency

With our new offer, we don't just want to be one amongst many. We want to stand out by creating clear and unique areas of added value. One example of this is the provision of system families, which means that not every single component has to be imported – making it much easier for the user to create a BIM model.

The benefits at a glance

- Autodesk Revit plug-in (download) with OBO products
- BIM platform on the OBO website with a download of the latest system families or individual products
- Product system families for reduced planning time
- Easy usability
- Up-to-date, functional, compatible and compact digital data
- Tailored exactly towards the requirements of planners and architects
- Frictionless and efficient production, quality check and provision of digital data
- Open standards observed as far as possible
- Continuous further development and optimisation



Ahead into the future

Initially, BIM@OBO will be available for our cable tray systems with the matching supports and brackets. The entire OBO portfolio will be added over time. The introduction of BIM@OBO doesn't only mean technological progress, but also cultural change with high standards that require a certain mindset – because digitalisation does not stand still. As an innovation leader, always being up to date goes without saying. At OBO, we consider ourselves a facilitator – securing the connection to the future for you with innovative system solutions and digital support. In a nutshell, we do this by Building Connections!



System solutions for the future

Sustainable industries in focus

True to the motto “Think ahead, act sustainably”, OBO is shaping the electrical infrastructure of the future. For more than 110 years, we at OBO have been engaged with this topic and we ensure that electricity and data are reliably conducted and routed and that the corresponding infrastructure is protected. Therefore, as a solution provider, in the coming years we will focus on the further development of applications for the expansion of sustainable industries, such as wind energy, biogas and, above all, photovoltaics and electromobility.

We look ahead and identify the requirements of promising industries and application areas. With our knowledge, we support the trends in these areas in order to derive solutions as well as analogue and digital services with future potential for our customers and partners. The best examples of this are the OBO solutions for the charging infrastructure of tomorrow and our innovative systems for the protection of photovoltaic plants.

Comprehensive protection for photovoltaic systems

Photovoltaic systems (PV systems) are becoming increasingly popular – and rightly so. With a PV system, sunlight is converted directly into electricity. In 2021, solar energy saved around 34 million tonnes of CO₂ equivalents. The special thing about solar energy is that many households can use it themselves and produce green electricity de-centrally as well as independently. With one photovoltaic system, a household of four people can cover its entire energy needs. It is therefore all the more important to ensure the availability of the PV system and to protect it reliably against lightning strikes and surge voltages, and the potential fires that result from them. OBO offers a complete system for the protection of photovoltaic systems which covers almost all electrotechnical requirements: from surge protection and earthing systems to cable support and cable routing systems.

You will be able to see our solutions for the protection of photovoltaic systems not only at the OBO Light + Building stand but also in our latest solutions brochure and on our industry highlight site covering the topic of photovoltaics.





Securely positioned for the future of mobility

Another industry that OBO is increasingly focussing on is electromobility. In addition to solutions for lightning and surge protection for public and private charging stations, we have also developed our own OBO solution for the charging infrastructure of tomorrow – namely, the Ion charging station. It is characterised by well-thought-out technology, simple assembly and tailored safety. With a total of four model variants, the right charging station can be found for every installation situation. The “Protect” variants are available with integrated surge protection, which means they protect both the charging station as well as the vehicle connected to it from damage caused by surges.

The OBO Ion charging station is eligible for KfW subsidies for private and commercial use (sustainability funding in Germany), which means that the costs for the charging infrastructure stay within reasonable limits and no compromises have to be made in terms of comfort and user-friendliness.

You will find all information regarding the OBO Ion charging station on our highlights page. We have also produced a guide, where you will find an overview of all relevant standards and regulations as well as the risks and measures relating to the protection of public and private charging stations.



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Building Connections

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