



Installation systems



Building Connections

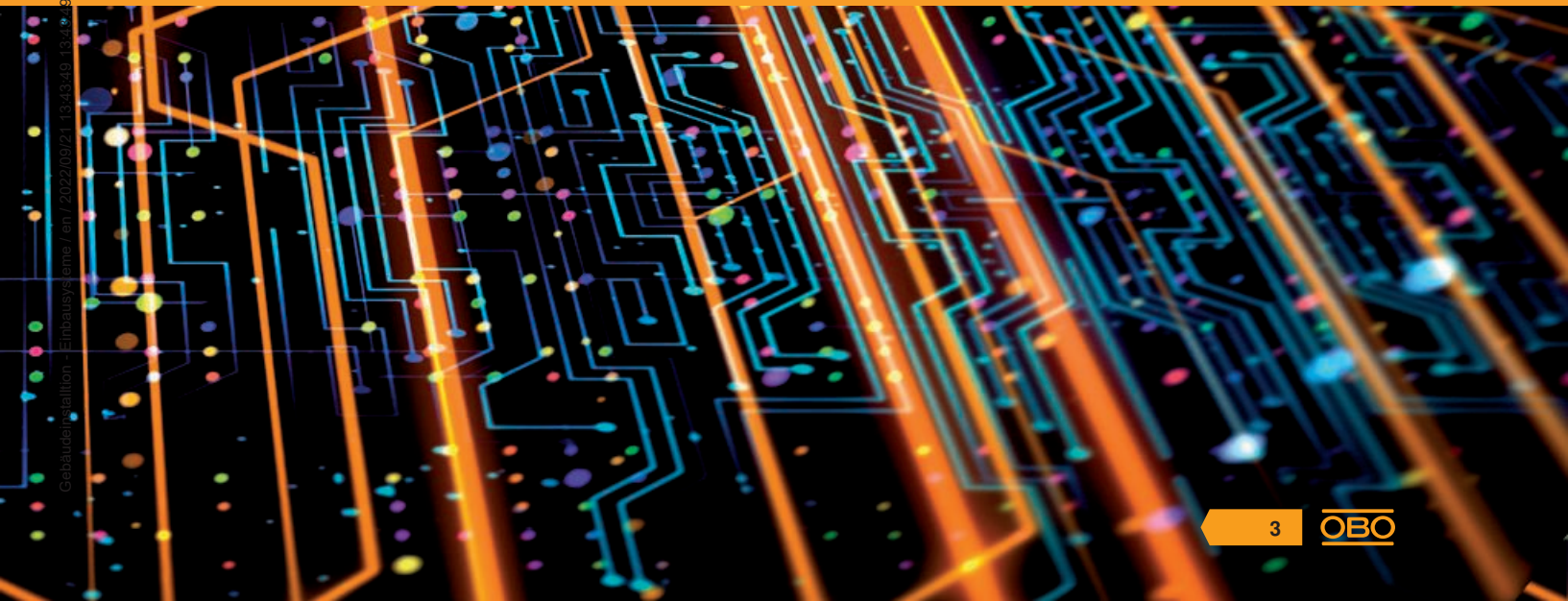
Digitalisation, the Energiewende (energy transition), mobility – the future is gathering speed. At OBO Bettermann, we're proud to be a driving force. And as a facilitator, we make connections. Today, we are already developing the innovative electrical infrastructure systems and solutions of tomorrow. Reliably, flexibly, sustainably.

Already today, OBO is one of the leading manufacturers of installation systems for the electrical infrastructure in buildings and plants. When it comes to the friction-free flow of power, energy and data, engineers and tradespeople worldwide rely on the comprehensive range from OBO.



OBO applies its slogan "Building Connections" to around 30,000 high-quality branded electrical products and services, which are used in application solutions for projects in industry, business and infrastructure.

OBO operates a global network and employs more than 4,200 people in more than 60 countries. The headquarters of the family company, which was founded in 1911, is located in Menden, Germany. In addition, more than 40 subsidiaries are present in markets on all continents.



Improved structure, sharpened profile



Each of our products carries a benefit which only the OBO brand can offer. Products are developed, manufactured and tested with a high level of competence – from the idea through to the final check. From flawless logistics through to practical information – we can provide support at every level. We can offer additional security through certificates on the conformity of our products with the most important standards and directives. In a nutshell – OBO helps you more. In every location and in every phase of a project.

To maintain this, we continually challenge ourselves. Not as an end in itself but for the better processing of each customer's requests – fast, reliably and future-oriented. That is the reason we have not only established our three central application areas, but also reworked our catalogue structure. In this way, we can display our service offers more clearly, highlight the product benefits more effectively and illustrate the respective application areas more tangibly.

OBO Product Worlds



Industrial installations

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



Building installations

- Cable routing systems
- Device installation ducts, trunking and poles
- Floor installation systems and underfloor applications
- Installation systems



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



It's your choice – from now on there's a catalogue for each OBO product category. Simply select the catalogues and order together with a collection case.

Always at your service

If you have questions about products, installation or planning – OBO staff offer exceptionally competent support at each and every phase of your project. So that you are always on the safe side.

- Product and system information, digitally or printed
- Selection and planning aids on the web, as a CAD application or in printed form, as well as in the myOBO app
- 2D and 3D product data for planning
- Field service and branch offices in 60 countries
- Engineering services for major projects

Our Customer Service can be contacted on +49 23 73 89 - 17 00

Monday–Thursday	07.30 - 17.00
Friday	07.30 - 15.00

or via e-mail at export@obo.de





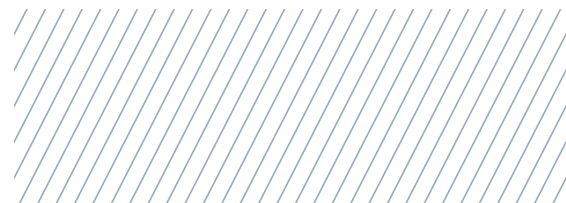
OBO Construct: Planning has never been so easy!

OBO Construct is a collection of planning tools that were developed especially for electrical installation engineers and planners. This platform offers support in product configuration and a selection aid for the matching systems, and automatically generates a corresponding parts list. With OBO Construct, you can therefore access and edit projects at any time and at any location – via your smartphone, tablet or desktop PC. Versions of the app are available for iOS and Android.



OBO Academy: From the basics to the concrete application

The OBO Academy has been offering an extensive further education programme for many years. This programme helps with first-hand information and expertise, giving you that essential head start in terms of in-depth knowledge. In our seminars, planner days or online seminars, we provide you with current developments, trends, norms and regulations – systematically, comprehensively and practically oriented.





Planning virtually, implementing efficiently

When planning and implementing electrical technology, BIM (building information modelling) is becoming increasingly more important. We can now offer our partners the first solution to unlock the full potential of the BIM method for practical applications - giving you more planning efficiency, transparency and cost security with complex projects. Find out about the advantages of BIM@OBO now:

- Intelligent libraries structured according to individual systems
- Available for Revit, as a plug-in and directly via the OBO website
- Simple integration via drag & drop
- Practical display of material lists for ordering directly
- Intuitive user interface

You can find further information at **obo.de/BIM**.
Welcome to the future!



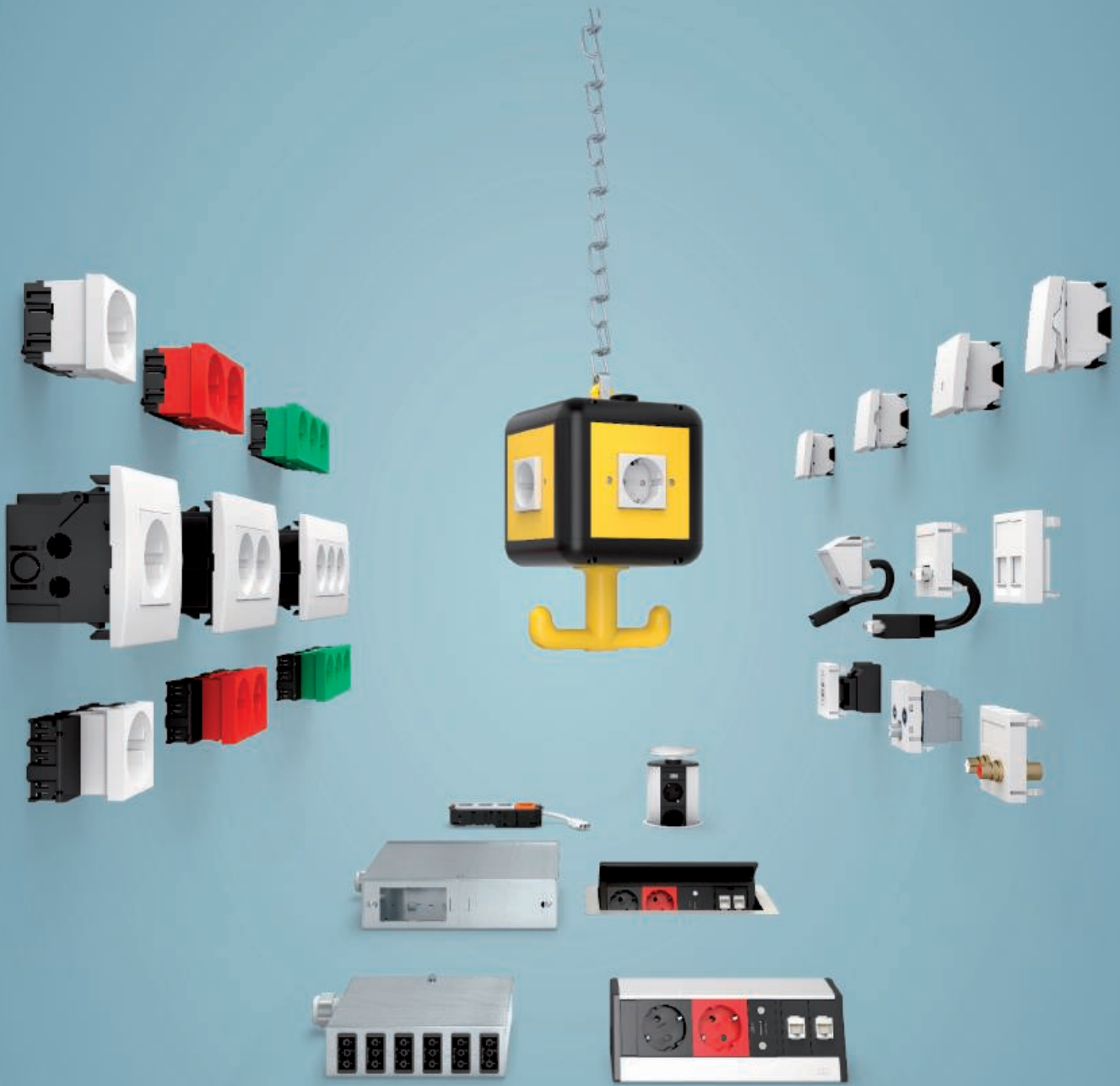


Clear delivery capability

With an approximate storage area of 38,000 m² and five strategically well-located sales warehouses, we ensure that our products arrive at the right place at the right time. Our logistics specialists work hard to ensure all our partners are supplied flexibly and as quickly as possible. This you can rely on!

- 1 Sales Warehouse North**
Bad Fallingbospel
- 2 Sales Warehouse West**
Iserlohn
- 3 Sales Warehouse East**
Delitzsch
- 4 Sales Warehouse South-West**
Groß-Rohrheim
- 5 Sales Warehouse South**
Dasing





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Planning aids



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Modul 45®-devices



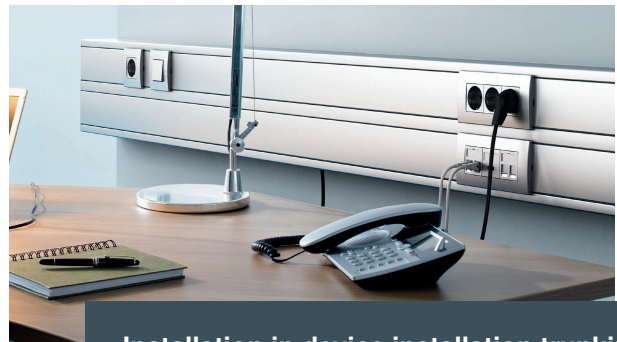
With their dimensions of 45 x 45 mm, the Modul 45® devices from OBO Bettermann are compact and space-saving. For this reason, the sockets, data and multimedia technology connections are ideal for use in underfloor systems, device installation trunking and service poles. The Modul 45® system makes optimum use of limited installation space.

The advantages of Modul 45® at a glance:

- Space savings thanks to compact design
- Modular structure
- Quick and easy planning
- Easy mounting
- High efficiency due to time and cost savings
- Wide range of application options
- Easy exchangeability



Installation in floor boxes



Installation in device installation trunking



Installation in service poles



Modul 45® protective contact and earthing pin sockets



Modul 45® country-specific sockets



Modul 45® switching and protective devices



Modul 45® data technology



Modul 45® multimedia technology



Modul 45®

One system – many solutions

The Modul 45 devices from OBO Bettermann offer the right solution for every application – no matter whether you're dealing with sockets, data or multimedia technology.

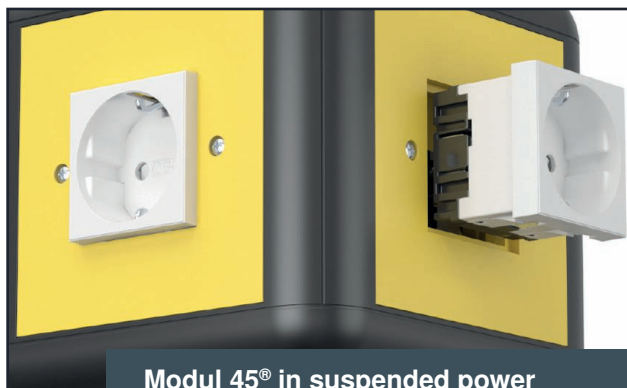
- Multiple sockets for economic device installation
- Sockets for international applications
- Modul 45connect sockets for quick, secure installation
- Data technology supports for data modules of different manufacturers
- Multimedia connection solutions for data, video and audio transmission

Modul 45®

One system. All kinds of applications.



Modul 45® in the Rapid 45 device installation duct



Modul 45® in suspended power supply units



Modul 45® in the Rapid 80 device installation duct



Modul 45® in industrial service poles



Modul 45® in underfloor service units and cassettes



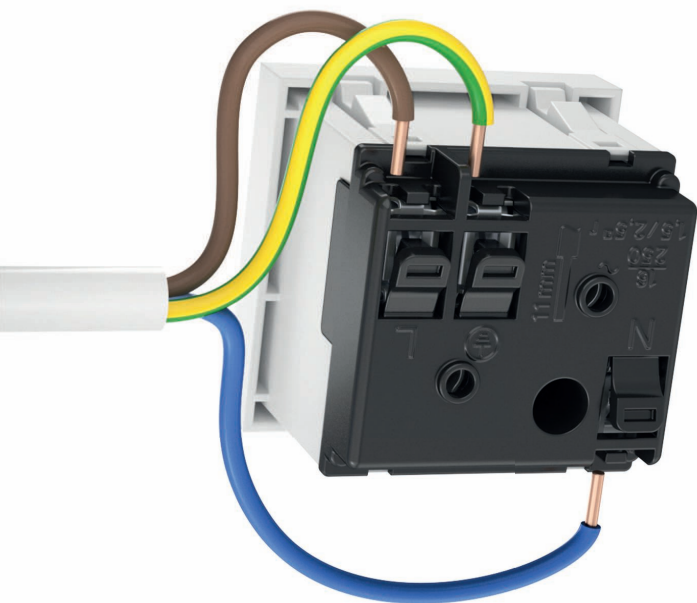
Modul 45® in service poles



Modul 45® in underfloor floor sockets and floor boxes

Push in. Lock. And that's it.

Work faster with Modul 45® devices



Connection of Modul 45® sockets

The screwless terminals correspond to IEC 60884-1 and are suitable for the connection of rigid cables of 1.5 to 2.5 mm². Each screwless terminal can accept two conductors.

Multiple sockets

The multiple sockets, in the double and triple versions, are particularly economic and time-saving during installation. In a standard installation, the wiring of the individual sockets takes a lot of time. This time is not required at all when installing the multiple sockets.



Time saved

The integrated screwless terminals and the tried-and-trusted locking fastening allow toolless mounting. The wide range of country-specific sockets offers the right solution for any system environment.

Modul 45® data and multimedia technology



Today, we cannot picture offices without a data network. Flexible cabling solutions and data connection modules are used with increasing frequency. OBO can offer various data connection modules, both with and without shielding: Cat. 5e, Cat. 6 and Cat. 6a. The data connection modules are simply snapped into the Modul 45 data technology support.

With the multimedia connection solutions, computer, video and audio connections can be installed in the different OBO system environments. No matter whether in the GES service unit, in cassettes or in System 55 – with the Modul 45 support plate, mounting is easy and quick.

Practical connection solutions

We have the right connection solution for every connection type: Whether you are routing pre-terminated cables or conventional installation cables.

- Solder connection or screw connection for conventional cable connections
- Connection cable or 1:1 coupling to connect pre-terminated cables



Integrated dust protection

Integrated dust protection flaps cover the data connection modules when unused. They protect them against dust and other outside influences. During use of the data socket, the dust protection flaps are pushed upwards. After the connection cables have been removed, the dust protection flaps close again automatically.



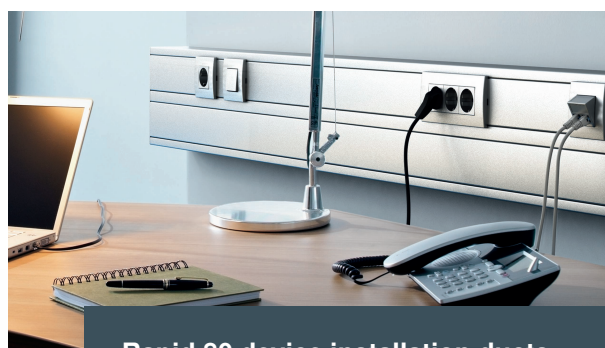
Modul 45® data technology support

A large selection of different data technology support is available for the installation of the connection modules. In so doing, data technology supports of other manufacturers can be installed.



Modul 45® and standard

Installation solutions for device installation ducts and service poles with 80 mm system opening

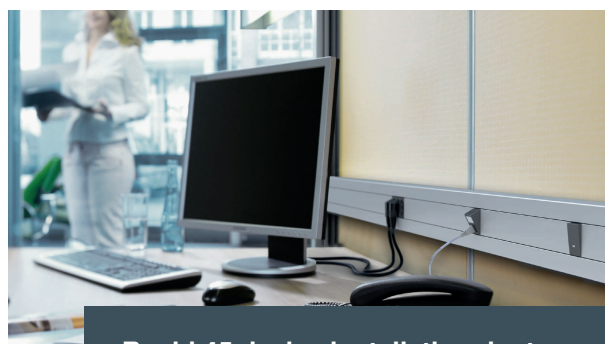


Rapid 80 device installation ducts

The Modul 45® devices from OBO Bettermann are compact and space-saving. They are therefore ideal for use in device installation trunking and service poles. The Modul 45® system makes optimum use of limited installation space.

The advantages of Modul 45® at a glance:

- Space savings thanks to compact design
- Modular structure
- Quick and easy planning
- Simple mounting
- High efficiency due to time and cost savings
- Wide range of application options
- Easy exchangeability



Rapid 45 device installation ducts



Service poles



Sockets and installation units



Installation material for Modul 45® devices



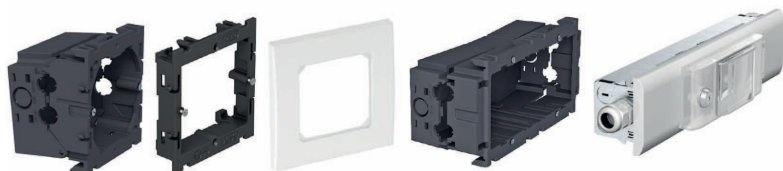
Sockets and switching devices Modul 45®



Data and multimedia technology Modul 45®



Installation material for standard devices



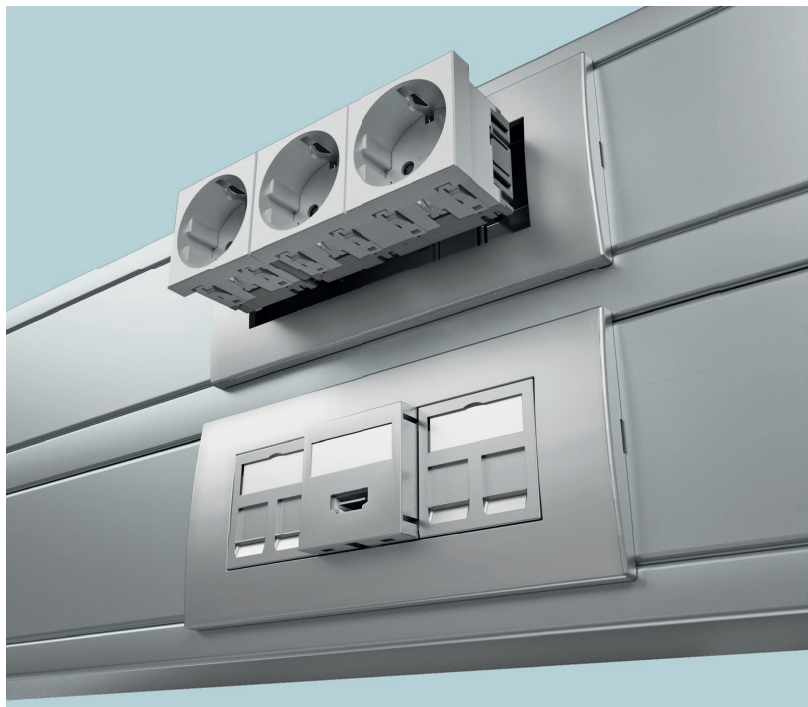
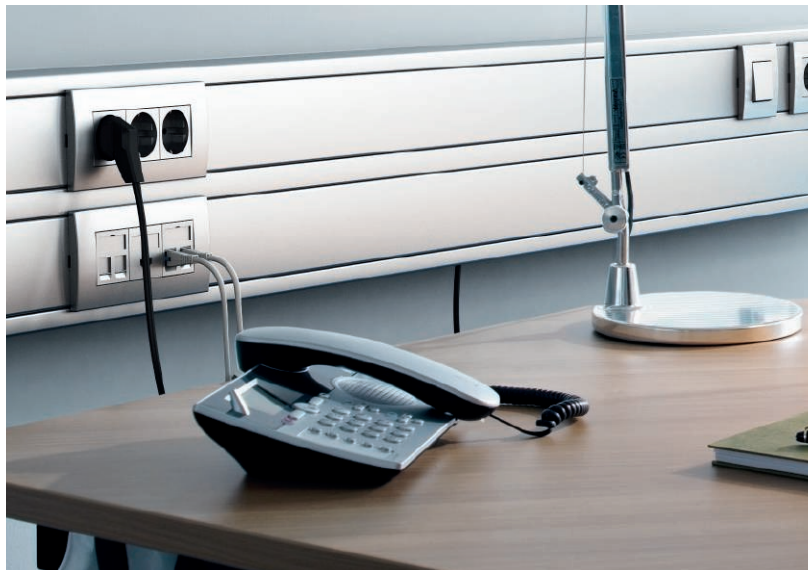
One system, many options

The Modul 45 devices from OBO Bettermann offer the right solution for every application – no matter whether you're dealing with sockets, data or multimedia technology.

- Multiple sockets for economic device installation
- Sockets for international applications
- Modul 45connect sockets for quick, secure installation
- Data technology supports for data modules of different manufacturers
- Multimedia connection solutions for data, video and audio transmission



Modul 45® in Rapid 45 and Rapid 80 device installation trunking



Modul 45 devices are engaged directly in the trunking without additional components. The installation opening of the Rapid 45 trunking is matched to the whole range of Modul 45 devices and thus offers flush installation.

Modul 45 devices are inserted in accessory mounting boxes with cover frames in the Rapid 80 trunking. This also allows the benefits of the Modul 45 devices to be integrated in the standard device installation trunking with matched design.

Modul 45® in ISS service poles



Modul 45 devices are also suitable for vertical installation in service poles. Installation is comparable with device installation in the device installation trunking: Either direct installation in the profile or using accessory mounting boxes with cover frame.



Service poles in office environments



Service poles in industrial environments

Device installation in 80 mm trunking systems



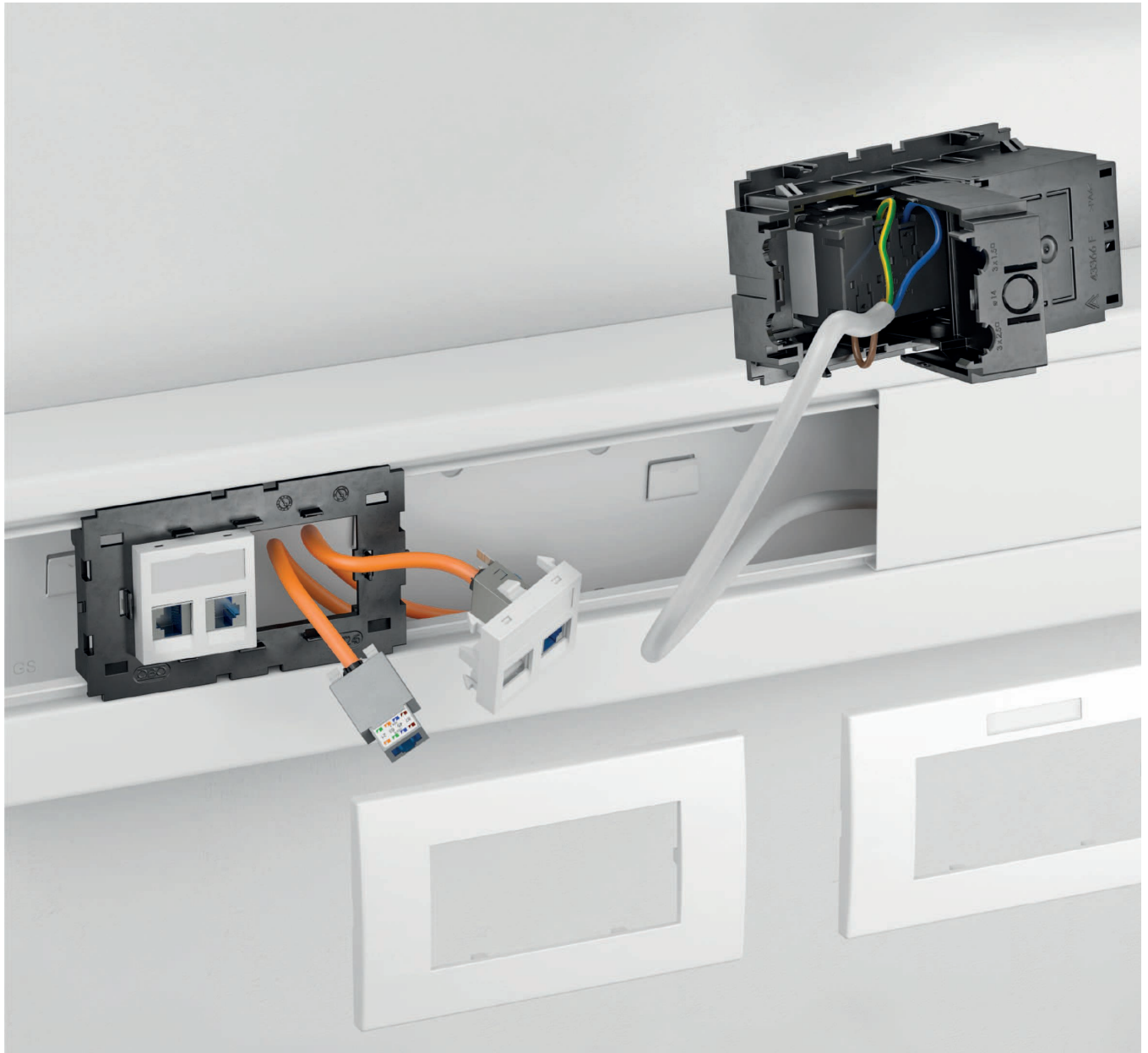
The use of device installation sockets and mounting supports with Modul 45 devices consistently continues the concept of toolless mounting.

Socket installation in accessory mounting box

Appropriate single, double and triple accessory mounting boxes are available for all Modul 45 socket units. Cable connection and strain relief occur after engagement of the sockets through the accessory mounting boxes, which are opened from the rear.

The labelling panel can be snapped directly onto the accessory mounting box and thus remains intact, even with retroinstallations at the installation location.

Data and multimedia installation in mounting supports



Single, double and triple mounting supports are available for the installation and combination of data and multimedia connections. The open mounting support allows installation with increased bend radii. As with the accessory mounting box, the cover plates are simply snapped onto the mounting support.



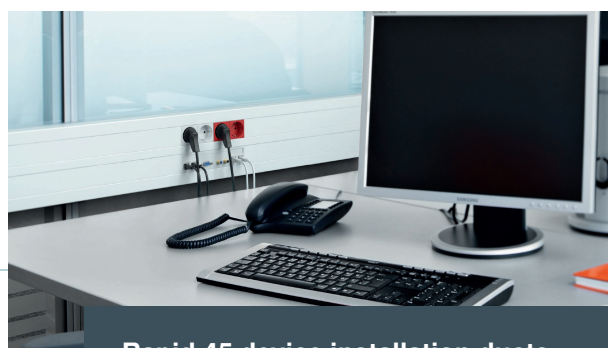
Modul 45connect®

Plug-in installation solutions for device installation ducts and service poles

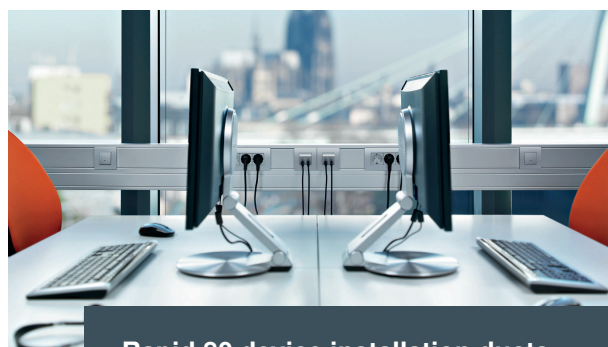


As continuously connectable installation technology, the Modul 45connect® range for device installation trunking and service poles offers the highest level of flexibility, security and cost-efficiency.

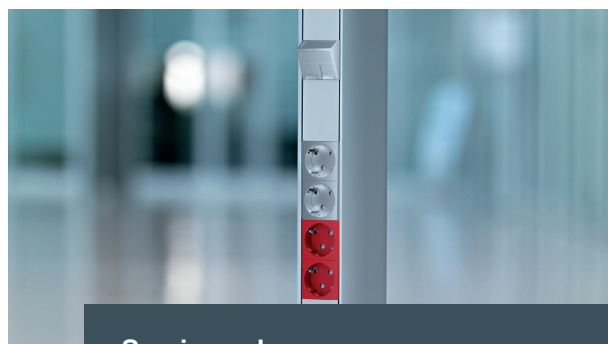
From energy distribution through to device connection in the trunking, the system offers all the required installation components.



Rapid 45 device installation ducts



Rapid 80 device installation ducts

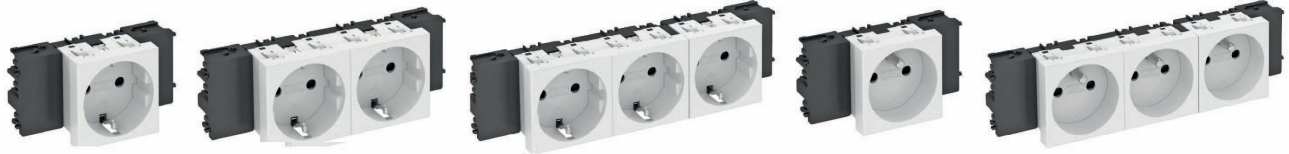


Service poles

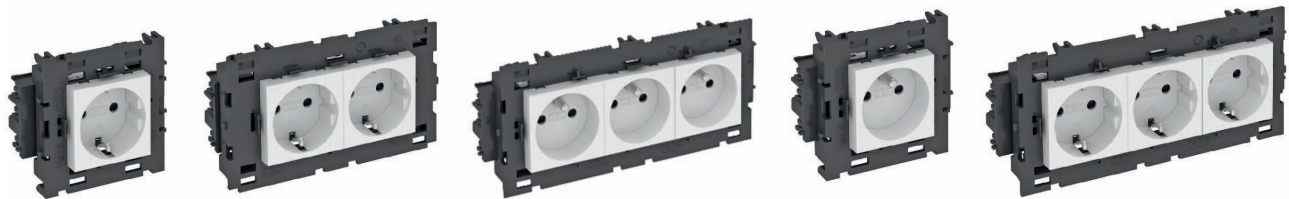
Sockets Modul 45connect® + installation accessories



Sockets 0° for Rapid 45



Sockets 0° for Rapid 80



Sockets 33° for service poles



Device installation material for Rapid 80 and service poles



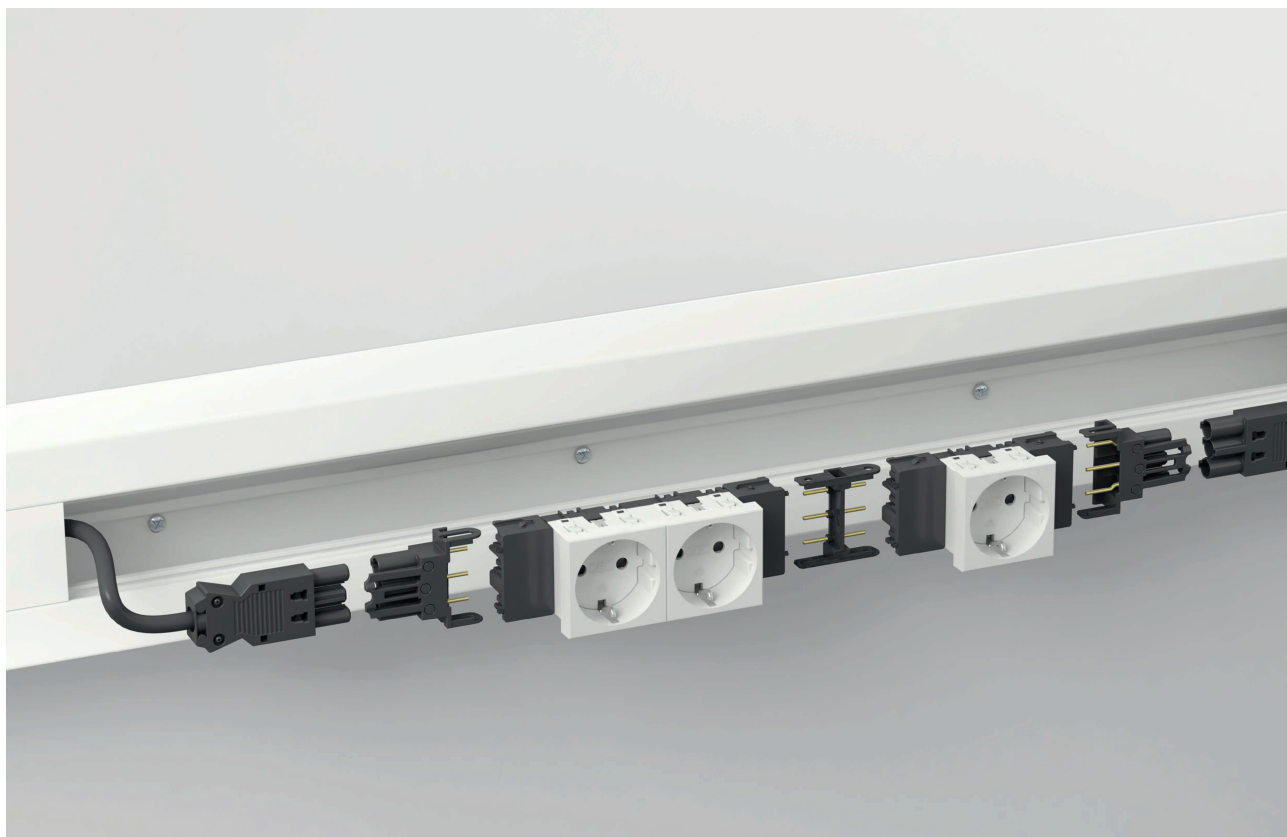
Connection adapters



Installation accessories and connection cables

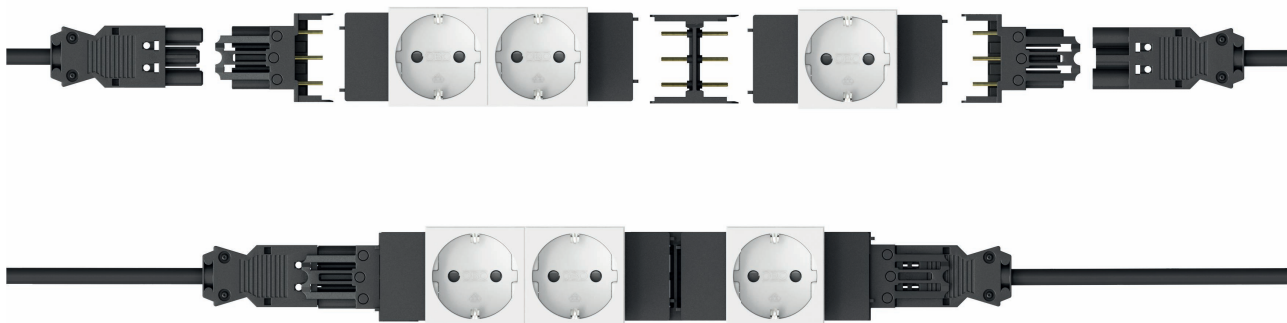


Modul 45connect® in the Rapid 45 trunking



Rapid 45 trunking is marked by a slender design. It is ideally matched for direct installation of the Modul 45 range for sockets, data and multimedia installations.

Modul 45 connect 0° sockets are inserted in the Rapid 45 trunking with a front-side connection. This allows the toolless installation of connected sockets in the trunking profile. Connection adapters with integrated strain relief are specially available for use in Rapid 45.



Rapid and toolless installation
through Modul 45connect

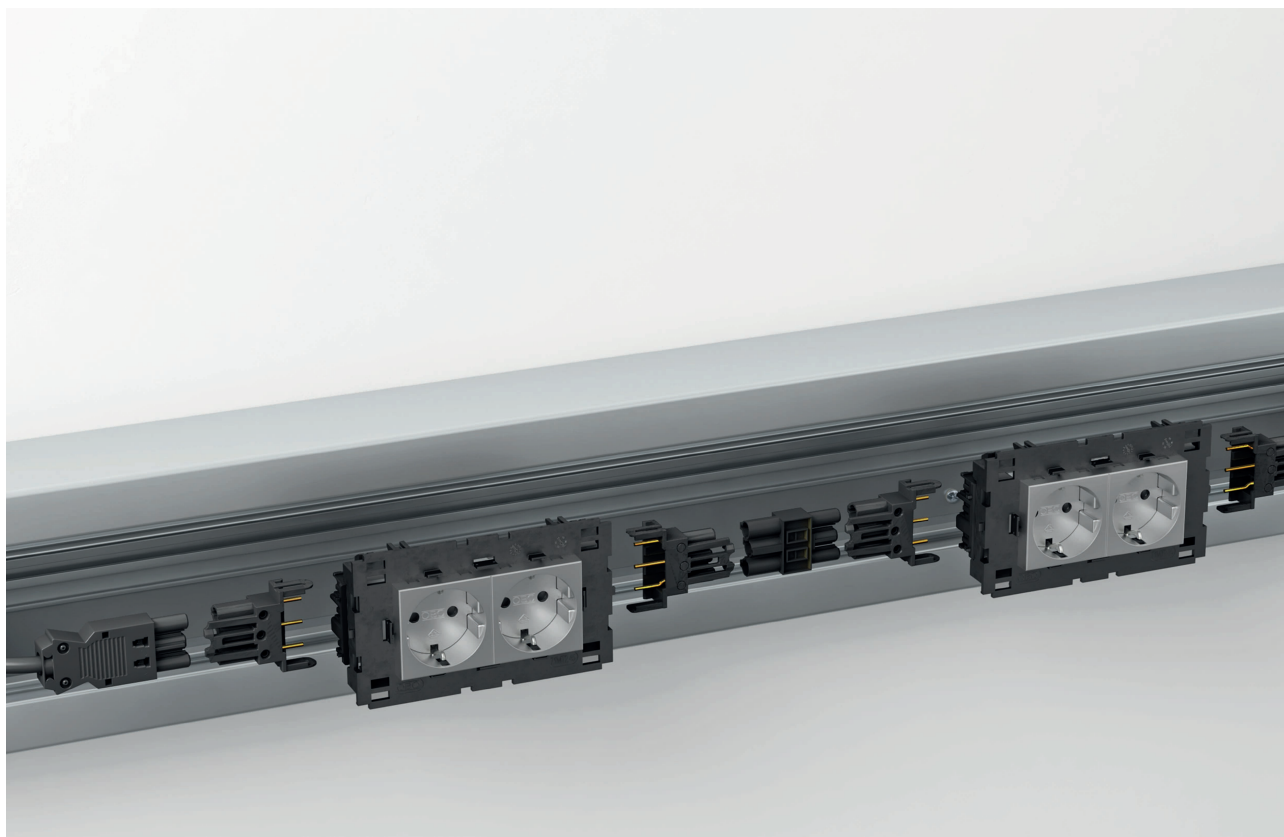


Safe installation through enco-
ded connection technology



Direct mounting in the trunking
– without additional compo-
nents

Modul 45connect® in the Rapid 80 trunking

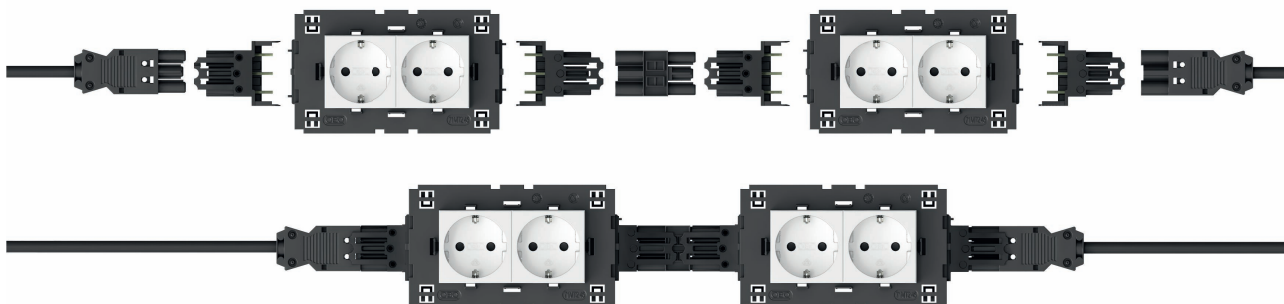


Rapid 80 trunking offers large trunking openings for device installation and sufficient space for large cable volumes.

The Modul 45 product range for sockets, data and multi-media installation is installed in the Rapid 80 trunking using accessory mounting boxes.

In Rapid 80, Connect 80 sockets are offered as a unit with an installation frame. The 0° Connect sockets are installed with a connection adapter with integrated strain relief.

This allows continuous, plug-in installation technology – there is no need for the conventional connection of sockets.



Rapid and toolless installation through Modul 45connect

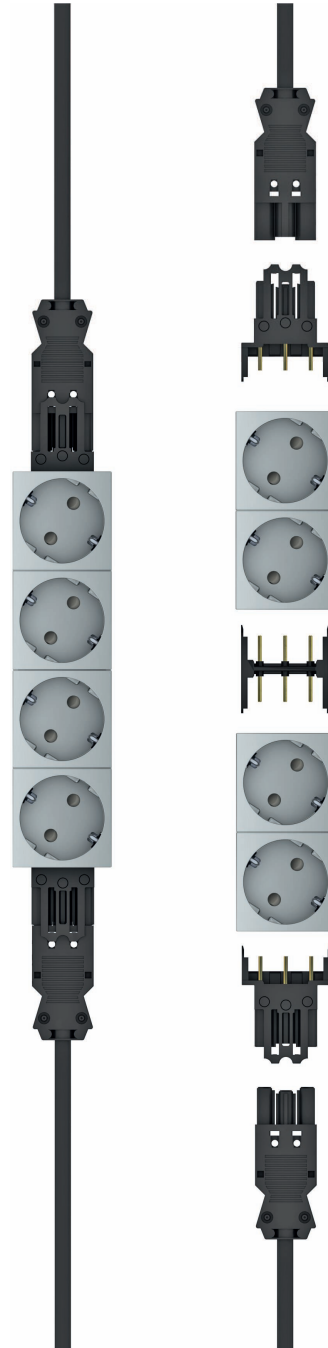


Safe installation through encoded connection technology



Direct mounting in the trunking – without additional components

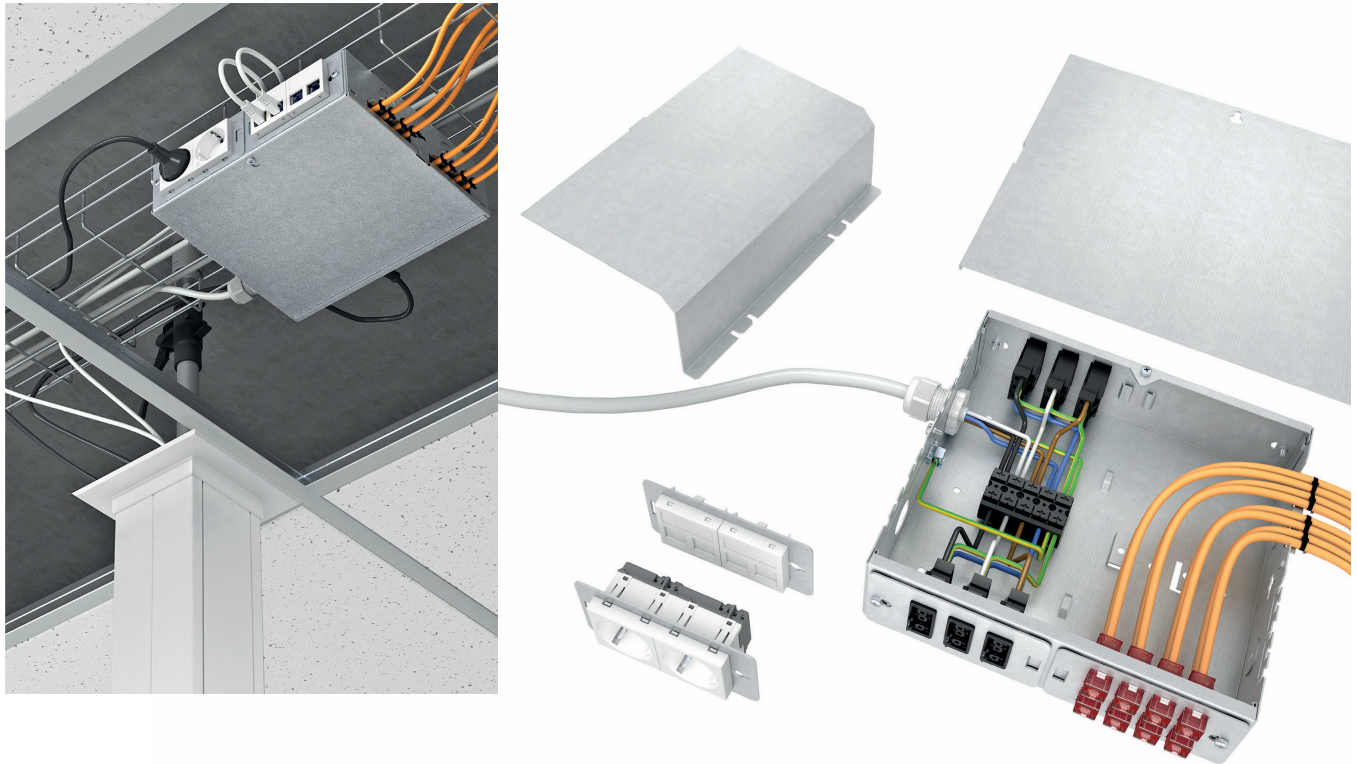
Modul 45connect® in service poles



Service poles offer direct access to the installation technology at the workplace. Service poles with 45 and 80 mm installation openings are offered.

Modul 45 connect 33° sockets are inserted in service poles with a front-side connection. These 33° Connect sockets can be arranged without gaps using connection adapters. Connection adapters with integrated strain relief are specially available for use in service poles.

Energy distribution via Consolidation Point



Consolidation Points are positioned centrally in the false ceiling and allow the supply of multiple service poles from the ceiling. This solution allows the distribution of power, data and multimedia.

Consolidation Points offer a high level of flexibility and combination options for power, data and multimedia connections.

The electrical supply is possible via both the Modul 45® sockets and the plug connector systems. In the housing, cover hoods can be used to separate the different sockets and to separate the power and data technology.

Data and multimedia technology can be installed in the housing conventionally or with pre-terminated data cables.



Rapid and toolless installation through Modul 45connect



Safe installation through encoded connection technology



Direct mounting in the trunking – without additional components

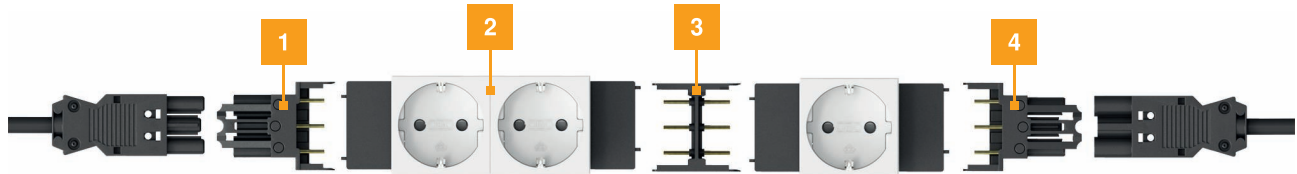


Reduction of the fire load



Modul 45connect®

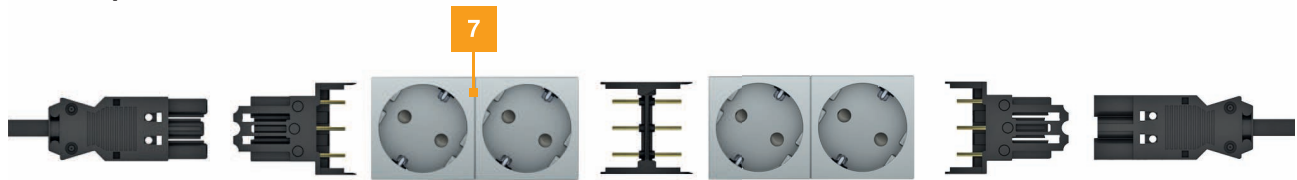
Rapid 45



Rapid 80

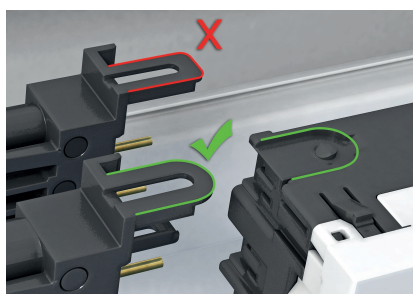


Service poles



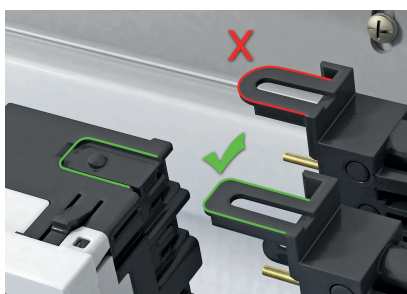
System components

- 1 Connector adapter GST18
- 2 0° socket for Rapid 45
- 3 Connection adapter sockets
- 4 Socket section adapter GST18
- 5 0° socket for Rapid 80
- 6 Connection adapter GST18
- 7 33° socket for service pole



Encoding connector connection side

Before mounting the connector section adapter, check that the encoding matches with the socket. Each socket has a connector connection side.



Encoding socket connection side

Before mounting the socket section adapter, check that the encoding matches with the socket. Each socket has a socket connection side.



Cost-aware

The efficient installation time and simple installation mean that Modul 45connect® sockets are a particularly economic solution.



Connection adapter GST18

The connection adapter VB-G GST 18 allows the arrangement of sockets in the Rapid 80 trunking system and in ISS service poles.

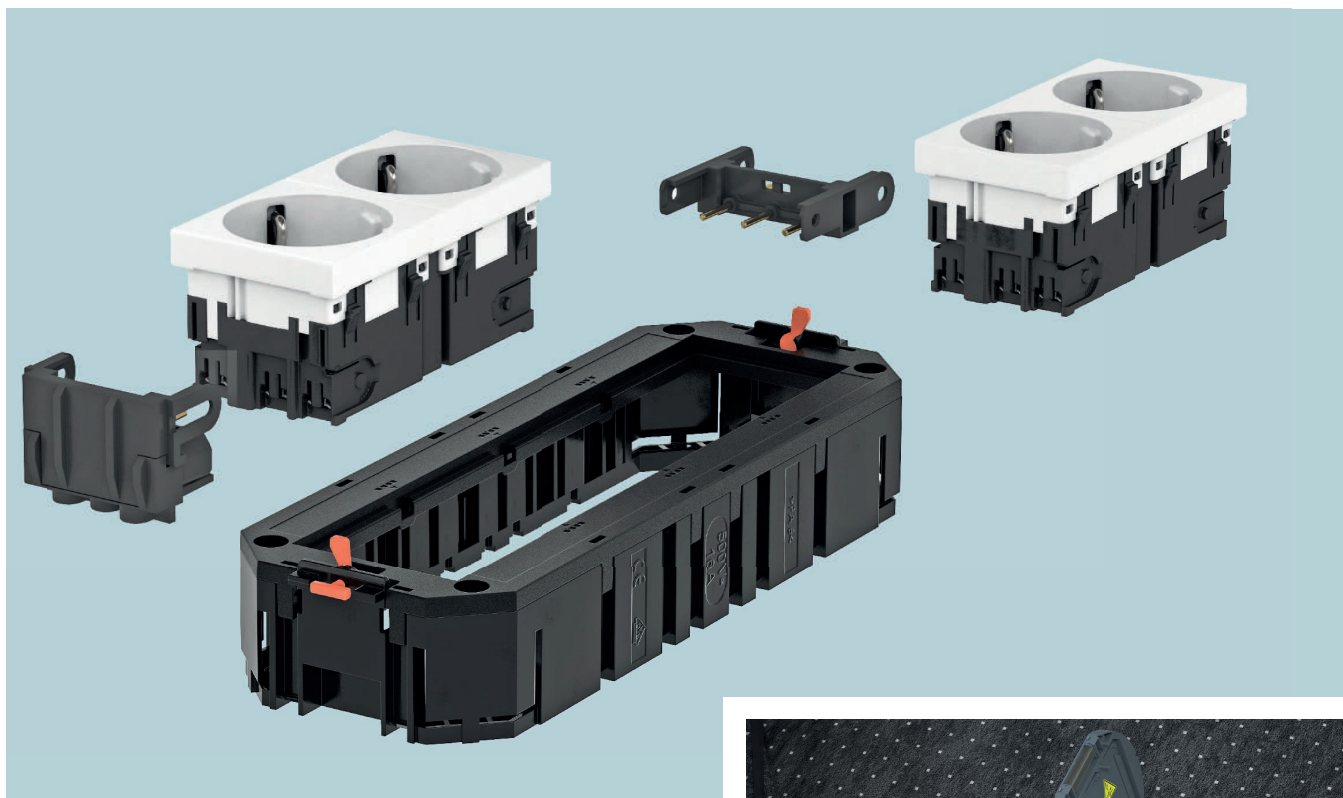


Plug connections

All the plug connections are equipped with the GST18i connector systems and strain relief. Black and white connectors and cable colours are suitable for labelling the different circuits. Connection cables with cross-sections of 1.5 mm² or 2.5 mm² and a wide range of plug connectors offer the right solution for every requirement.

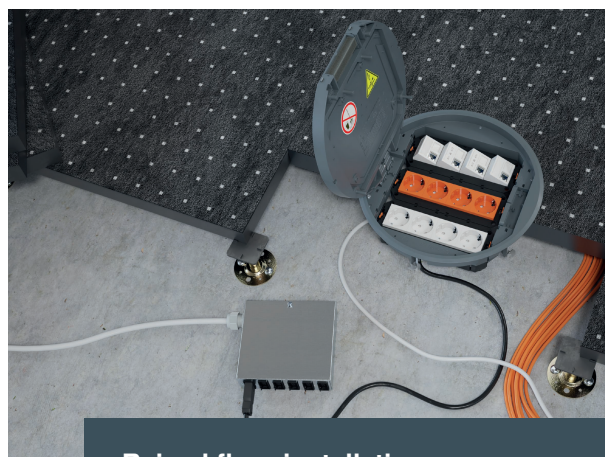
Modul 45connect®

Plug-in installation solutions for raised and cavity floors



The Modul 45connect for underfloor systems is a continuous, connectable installation technology. This is designed for installation in a system floor. Modul 45connect offers the highest level of flexibility, security and cost efficiency.

The system offers all the required installation components: From energy distribution through to device connection in the floor box.



Raised floor installation



Rapid and toolless installation through Modul 45connect



More safety through pre-terminated and tested systems



Simple post installation and the highest flexibility



Reduction of the fire load



Cavity floor installation

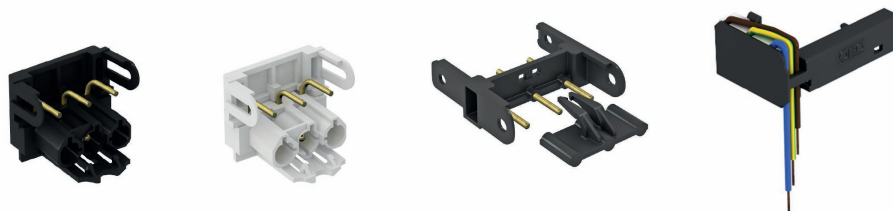


Plug-in device installation solution for raised and cavity floors

Modul 45connect® universal supports + sockets



Modul 45connect® connection + adapter



Ready-for-connection socket units



UVS energy distributors



Installation accessories and connection cables



Raised floor systems

Raised floor systems offer the highest flexibility in the use and planning of office workspaces. This flexibility can be used to the utmost through the use of plug-in connection solutions.

If there are changes of use, floor plates including the floor box can be adapted to the new room planning with little effort – disconnect the pre-terminated connection cable and connect it to the connection unit in the new position.



Energy distributor

Energy distributors are used in raised floors with removable floor plates. They are mounted at central points under the floor surfaces and supply the installed floor boxes in a star shape.

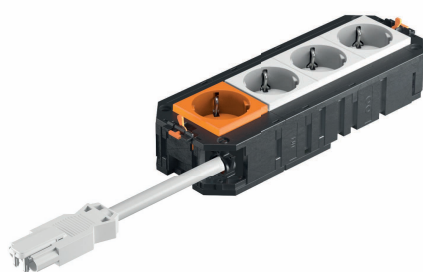
Plug-in connection unit

The ready-for-connection connect UTC universal supports are equipped with connectable connection adapters. The cables are connected directly to the underfloor distributors via connection cables.

Service outlets

All the service outlets from the standard product range can be used in raised and cavity floors. The GES service outlets are available in round and rectangular versions. Plastic or metal are used as materials. The plastic version is the tried-and-trusted solution for office installations. It is available in three colour variants. The metallic stainless steel or aluminium versions look refined and can carry an even greater load.

Other solutions are available for areas with increased floor load requirements.



Ready-for-connection universal support connect UTC



The connect UTC universal supports can be ordered as a ready-for-connection unit or freely terminated according to customer requirements.

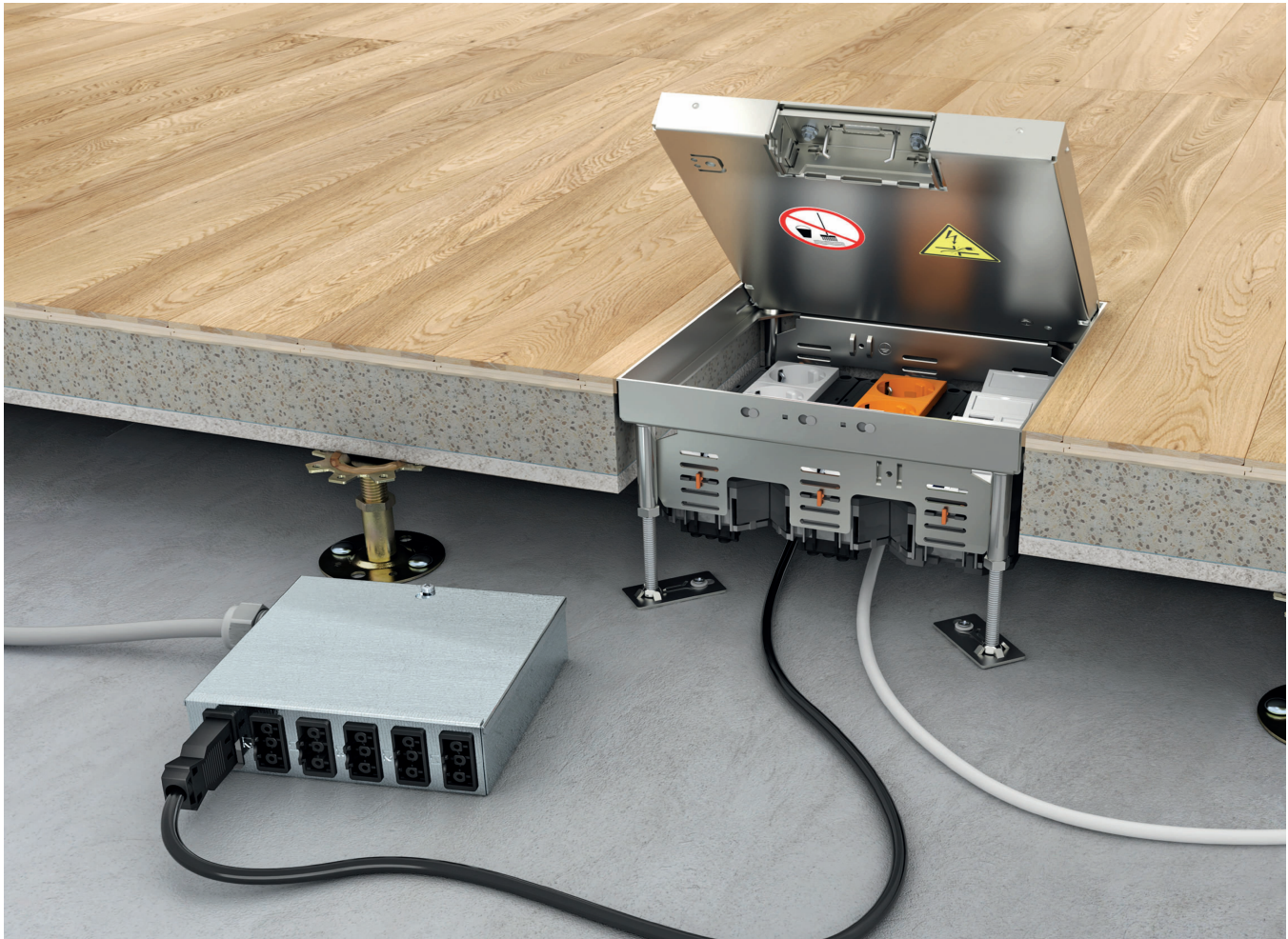
Combinations of up to two circuits are possible for each connection unit – also with surge protection.

Connection in the floor box

The plug connections on the Modul 45connect® sockets are located below the connection unit. This allows plug connections outside the floor box. The connected universal support is installed in the floor box by lowering it in the locking ladder. Fastening in the floor box is carried out using the turn-buckles in the locking ladder.



Cavity floors



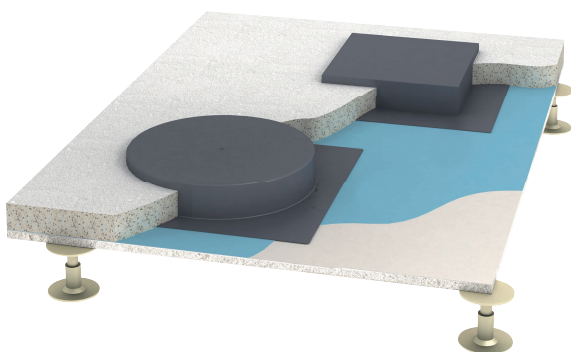
Cavity floors have a support layer of a joint-free, poured screed plate. The installation opening for the installation of floor boxes can be created in two ways in the cavity floor: Either the installation opening is created with a lined body before the screed work, or core drilling takes place after the screed work.

Cable routing

Beneath the screed plate, supply points for the installed floor boxes are set using energy distributors.

Cassettes

The compact, flush-floor cassettes offer power, data and multimedia connections in the smallest areas. The cassettes can be adjusted to the height of the floor and are available in round and rectangular designs. There are versions for dry, moist and wet-care floor coverings.



Installation benefits Modul 45connect®



Modul 45connect sockets can be mounted and connected with just a few actions. The GST18 adapters are engaged to the side of the sockets – incorrect installation is not possible due to the coding of the locking connections.

Connection adapter for 4x socket combination

The connection of Modul 45connect sockets is really easy: A plug connection is created using a connection adapter. There is no need for the otherwise necessary wiring work, considerably reducing the time required for mounting. This means that combinations of two double sockets in the UT4 universal support can be created rapidly.

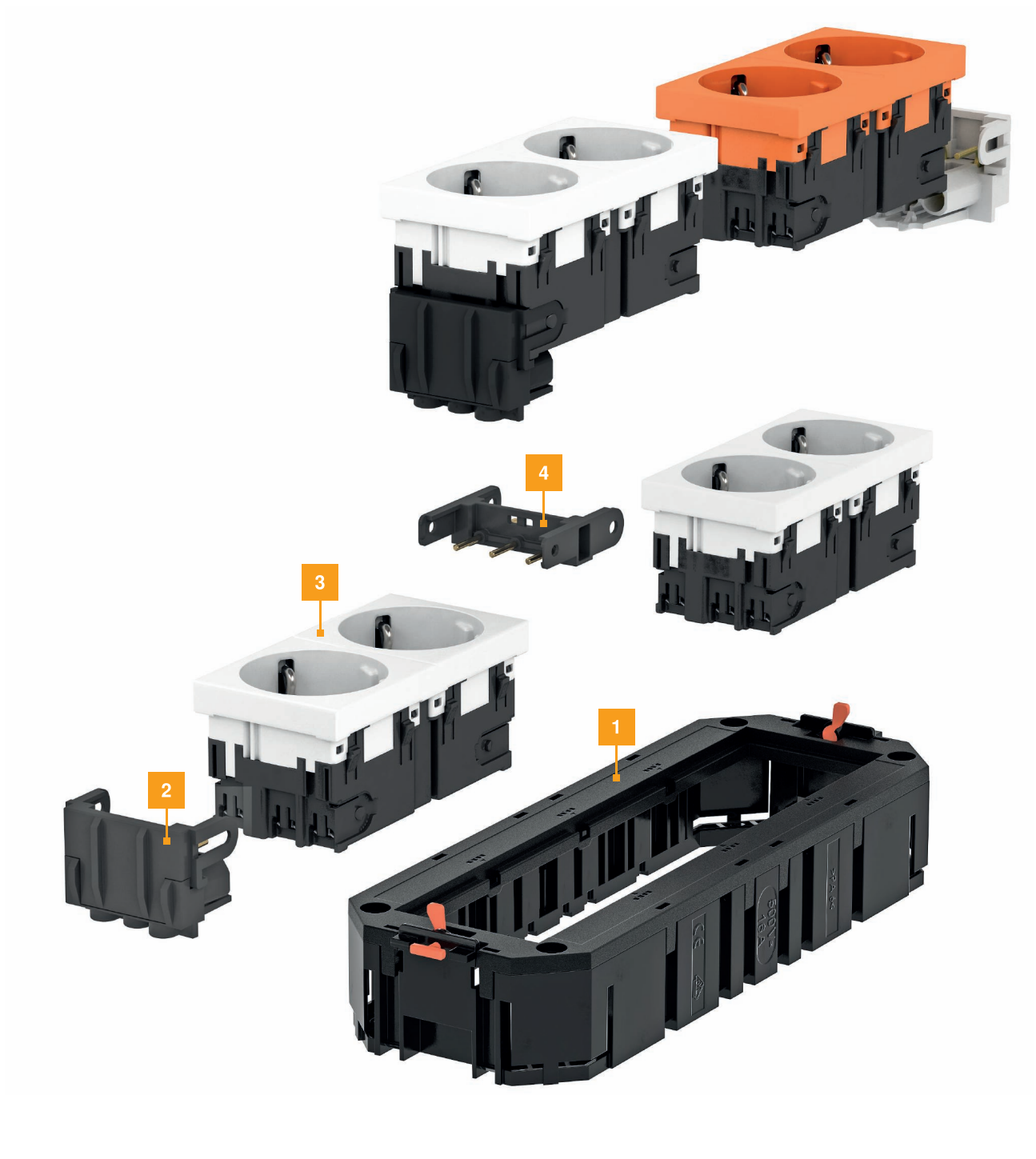
Connection adapter

An angled connection adapter with integrated strain relief is available especially for use in service outlets and cassette. The connection adapter is available for the isolation of circuits in two colours (black and white).

Two circuits

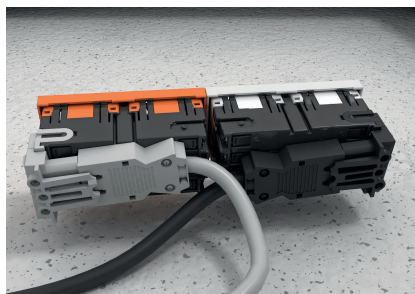
Combinations with two power circuits with triple, double and single sockets in UT universal supports are possible. In addition, the use of surge protection modules is also possible on double and triple sockets.

Modular structure



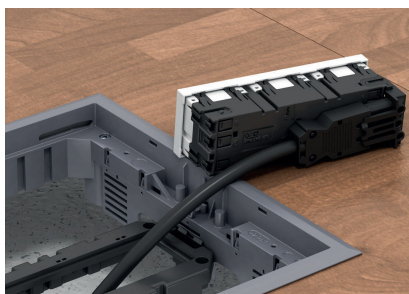
System components

- 1** Universal supports
- 2** Modul 45connect connector part adapter
- 3** Protective contact socket
- 4** Modul 45connect connector



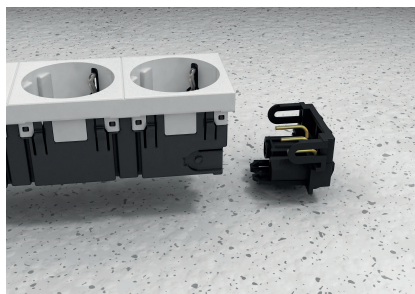
Safe

The Modul 45connect system is ideally suited for use in raised floors. Ready-for-connection module supports need only be connected to the heavy current cabling.



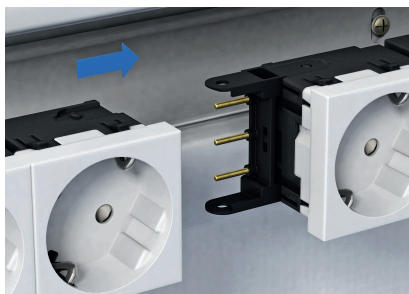
Cost-aware

The Modul 45connect system makes lengthy manual cabling work a thing of the past. All the connections can be created simply, quickly and safely using terminated components.



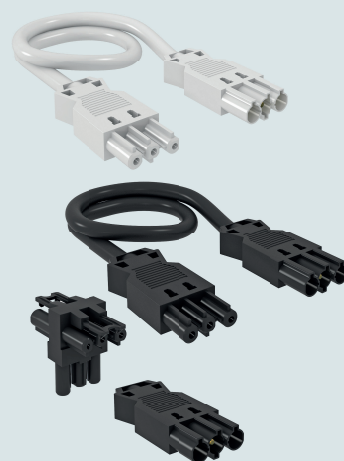
Connection adapters

The connection adapters can be connected to the socket outside the universal support. The socket unit with connection adapter is then engaged in the universal support.



Connection adapter, socket

Modul 45connect sockets can be connected with a connection adapter. The simple plug connection removes the wiring work.



Plug connections

All the plug connections are equipped with the GST18i connector systems and strain relief. Black and white connectors and cable colours are suitable for labelling the different circuits. Connection cables with cross-sections of 1.5 mm² or 2.5 mm² and a wide range of plug connectors offer the right solution for every requirement.

Workplace solutions – Deskboxes



Deskboxes by OBO offer direct access to power, data and multimedia connections for any workplace, such as in offices and meeting and conference rooms. Three different Deskbox solutions in high-quality material and elegant designs are available for individual requirements:

- Freely positionable Deskbox DB
- Lowerable Deskbox DBV
- Foldable Deskbox DBK



Freely positionable Deskbox DB



Lowerable Deskbox DBV



Foldable Deskbox DBK

The DB Deskbox

Very flexible.



The aluminium housings of the DB Deskboxes with silver, anodised surfaces stand out through their compact structure and discreet design.

They offer the right connection solutions for all areas of application: 1–2 circuits, network connections and multimedia connections for TVs and beamers for meeting rooms are available.

Other variants of the Deskboxes are available on request.

Versatile

The DB Deskboxes allow comfortable and easy access to all connection devices directly at the workplace.

A large selection of preequipped and ready-for-connection Deskboxes are available.

The erectable type DB Deskbox offers the highest level of flexibility in positioning and fastening at the workplace.

Fastening clamps allow quick and easy mounting of the Deskboxes to the tabletop, with the benefit being that there is no damage to the tabletop, e.g. from fastening holes or through wood screws.

Additional fastening options for fixed mounting on or under the tabletop are available as accessories.

The lowerable Deskbox DBV

Gone in a flash.



The lowerable DBV Deskbox offers the largest possible connection solutions in the smallest space.

Der Einbau der DBV erfolgt in einer Bohrung in der Tischplatte. Somit verschwindet die Anschluss technik dezent unter der Tischplatte. Hierfür wird eine passende Lochsäge als Montagewerkzeug angeboten.

The covers visible in the tabletop are available painted silver or in high-quality stainless steel. Other variants of the Deskboxes are available on request.

Surfaces

The Deskbox DBV is supplied as standard with the surface in anodised silver. The following variants are available on request:

- Coloured as old brass
- Chrome-plated
- Black anodised

Cover variants

The standard cover is made of plastic and is painted silver or is solid stainless steel. On request, you can also obtain it in

- Plastic, painted black
- Steel, chrome-plated
- Coloured as old brass



The foldable Deskbox DBK

A great package.



If necessary, the Deskbox DBK is simply folded up – using the push-to-open function: The connection devices are then easily accessible.

The inserted cables are run out of the closed Deskbox via the integrated brush bars.

They offer the right connection solutions for all areas of application: 1–2 circuits, network connections and multimedia connections for TVs and beamers for meeting rooms are available.

Other variants of the Deskboxes are available on request.



Device installation widths

The Deskbox DBK is available in four widths. This results in the following device installation widths for equipment:

- 150 mm
- 200 mm
- 250 mm
- 300 mm

Surface variants

The DBK Deskbox is supplied as standard with the surface brushed stainless steel. The following variants are available on request:

- Painted black
- Pure white lacquered

Configure an individual Deskbox in 5 steps

Configure a Deskbox according to your requirements. For quantities over 5 units per version, we can produce a tested, ready-for-connection Deskbox according to your specifications.



Deskbox DB

1 Select Deskbox design

2 Select housing colour

Standard design

O Silver anodised

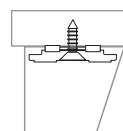
On request

O Powder-coated

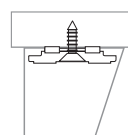
3 Fastening



O Stainless steel fastening stand



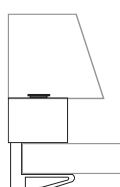
O Free erection without fastening



O Fastening set for under-table mounting



O Fastening set for table mounting



O Fastening clamp



Deskbox DBV



Deskbox DBK

Standard design body

- Silver anodised

Cover

- Painted silver
- Stainless steel, solid

Standard design

- Stainless steel, brushed

On request body

- Black anodised
- Old brass anodised

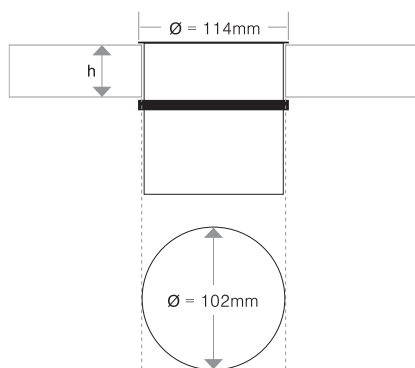
Cover

- Painted black RAL 9005
- Painted as old brass
- Painted white RAL 9010

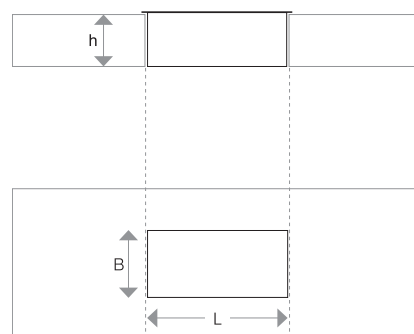
On request

- Painted black RAL 9005
- Painted white RAL 9010

Installation opening in the tabletop
(Plate thickness max. 50 mm)



Installation opening in the tabletop
(Plate thickness max. 50 mm)



Configure an individual Deskbox in 5 steps

4 Select the energy technology equipment

Checklist

Select connection solution

- ☐ Specify socket type and quantity
- ☐ Specify power circuits and additional function

Select the connection type

- ☐ Protective contact connector
- ☐ Wieland GST18 connector
- ☐ Wago Winsta connector
- ☐ Without connector, with wire end sleeves
- ☐ Country-specific connector (on request)

Select cable lengths

- ☐ 3 m cable with connector (standard)
- ☐ 5 m cable with connector
- ☐ Special lengths (on request)



Protective
contact

Protective
contact

Denmark

Denmark, IT



Earthing pin

Earthing pin

Switzerland 10 A

USA/Canada

5 Select the data/multimedia technology equipment

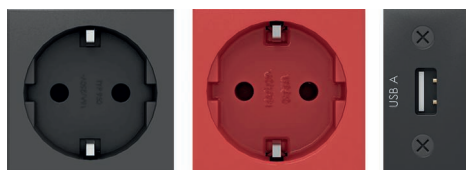
Checklist

Select connection solution

- ☐ Specify connection type and quantity

Select connection type

- ☐ Short cable with socket
- ☐ 3 m cable with connector
- ☐ 5 m cable with connector (on request)



Protective
contact

Protective
contact

USB
charging
device



RJ45
coupling
Cat. 6

RJ45
coupling
Cat. 6



China



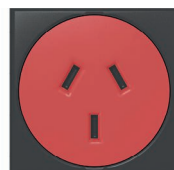
Australia



One-way switch



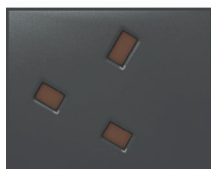
Switzerland 10 A



Australia



British Standard,
with fuse



British Standard



Wieland
GST18



USB
charging
device



Switch



LS switch



FI switch



DVI



VGA



VGA +
cinch
3,5 mm



Cinch
3,5 mm



USB
2.0/3.0



HDMI



RJ45
coupling
Cat. 6



RJ45
coupling
Cat. 6A



RJ45
socket
Cat. 6



RJ45
socket
Cat. 6A



RJ45
Socket
Cat. 7



Plastic materials

ABS/ ASA	Acrylonitrile butadiene styrene
Temperature resistance:	To about minus 40 °C*, permanently up to 70 °C, briefly up to 85 °C
Resistant to:	Formic acid, citric acid, lactic acid
Unstable with:	Acetone, petrol, benzene, solvents for paints and butyric acid, chlorine, acetic acid, nitric acid.
Conditionally resistant to:	Hydrochloric acid, sulphuric acid.
Risk of stress cracks:	Relatively high, similar to polystyrene.

PA	Polyamide
Temperature resistance:	Permanently up to approx. 90 °C, briefly up to around 130 °C, and to around minus 40 °C*
Resistant to:	Petrol, benzene, diesel oil, acetone, solvents for paints and lacquers, oils and greases
Unstable with:	Bleach, most acids, chlorine.
Risk of stress cracks:	Low in humid conditions; only with some aqueous salt solutions. Highly desiccated parts (high temperature and extremely low air humidity) are highly sensitive to fuels and various solvents.

PA/ GF	Polyamide, fibreglass reinforced
Temperature resistance:	Permanently up to approx. 100–110 °C, briefly up to around 160 °C, and to around minus 40 °C*
Resistant to:	Petrol, benzene, diesel oil, acetone, solvents for paints and lacquers, oils and greases. Slightly susceptible to stress cracking.
Unstable with:	Bleach, most acids, chlorine.
Risk of stress cracks:	Low in humid conditions; only with some aqueous salt solutions. Highly desiccated parts (high temperature and extremely low air humidity) are highly sensitive to fuels and various solvents.

PBPT	Polybutylene terephthalate
Temperature resistance:	Permanently up to approx. 120 °C, briefly up to around 140 °C and to around minus 40 °C*.
Resistant to:	Petrol, diesel oil, most weak acids, oils and greases.
Unstable with:	Strong acids, chlorine, fluorine, bromine vapour, bleach, trichloroethylene, methylene chloride.
Conditionally resistant to:	Acetone, ammonia, benzene.

PE	Polyethylene
Temperature resistance:	Hard types permanently up to approx. 90 °C, briefly up to approx. 105 °C, soft types permanently up to approx. 80 °C, briefly up to approx. 100 °C and to approx. minus 40 °C*.
Resistant to:	Alkalis and inorganic acids.
Unstable with:	Chlorine, hydrocarbons, oxidising acids.
Conditionally resistant to:	Acetone, organic acids, petrol, benzene, diesel oil, most oils.
Risk of stress cracks:	Stress cracks can be caused by, among other things, acetone, various alcohols, formic acid, ethanol, petrol, benzene, butyric acid, acetic acid, formaldehyde, various oils, petroleum, propanol, nitric acid, hydrochloric acid, sulphuric acid, soap solutions, turpentine, trichloroethylene, citric acid.

PP/GF	Polypropylene, fibreglass reinforced
Temperature resistance:	Permanently up to approx. 90 °C, briefly up to around 110 °C, and to around minus 30 °C. Chem. resistance generally as for polyethylene
Resistant to:	Alkalis and inorganic structures
Unstable with:	Chlorine, hydrocarbons, oxidising acids.
Risk of stress cracks:	Low, only with some acids such as chromic acid, hydrofluoric acid and hydrochloric acid, as well as nitrogen oxide.



PC	Polycarbonate
Temperature resistance:	Permanently up to approx. 110 °C (in water 60 °C), briefly up to 125 °C, and to below minus 35 °C*
Resistant to:	Petrol, turpentine, most weak acids.
Unstable with:	Acetone, benzene, chlorine, methylene chloride, most concentrated acids.
Risk of stress cracks:	Relatively low, media which can cause tension cracking include petrol, aromatic hydrocarbons, methanol, butanol, acetone, turpentine.
PC / ABS	Polycarbonate/acrylonitrile butadiene styrene
Temperature resistance:	-30 °C to + 90 °C, briefly up to approx. 105 °C, melting range at approx. 200 °C, thermal decomposition at 300 °C. Material thicknesses of 1.5 mm or more can achieve UL94 V-0. At material thicknesses of 1 mm or more, the glow wire temperature of 960 °C according to IEC 60695-2-12 is achieved.
Resistant to:	Mineral acids, organic acids and aqueous salt solutions
Conditionally resistant to:	Alkalis, hydrocarbons, aromatics and (in trace form) a series of greases and oils.
POM	Polyacetal
Temperature resistance:	Permanently up to approx. 100 °C, briefly up to around 130 °C and to around minus 40 °C*
Resistant to:	Acetone, ether, petrol, weak acetic acid, benzene, heating oil, oils and greases, toluene.
Unstable with:	Methylene chloride, trichloroethylene, hydrochloric acid, nitric acid, sulphuric acid.
Risk of stress cracks:	Low
PP	Polypropylene
Temperature resistance:	Permanently up to approx. 90 °C, briefly up to around 110 °C, and to around minus 30 °C. Chemical resistance generally as for polyethylene.
Resistant to:	Alkalis and inorganic acids.
Unstable with:	Chlorine, hydrocarbons, oxidising acids.
Conditionally resistant to:	Acetone, organic acids, petrol, benzene, diesel oil, most oils.
Risk of stress cracks:	Low, only with some acids such as chromic acid, hydrofluoric acid and hydrochloric acid, as well as nitrogen oxide.
PS	Polystyrene
Temperature resistance:	Because of its relatively high sensitivity to the effects of chemicals, its use is not recommended at temperatures above normal room temperature, about 25 °C. Resistance to cold: to about minus 40 °C*.
Resistant to:	Alkalis, most acids, alcohol.
Unstable with:	Butyric acid, concentrated nitric acid, concentrated acetic acid, acetone, ether, petrol and benzene, solvents for paints and lacquers, chlorine, diesel fuel.
Conditionally resistant to:	Oils and greases.
Risk of stress cracks:	Relatively high. Stress cracks can be caused by, among other things, acetone, ether, petrol, cyclohexane, heptane, methanol, propanol and the softeners of some mixes used in PVC cables.



PVC	Polyvinyl chloride
Temperature resistance:	Permanently up to approx. 65 °C, briefly up to around 75 °C and to around minus 30 °C.
Resistant to:	Weak acids, alkalis, oils and greases, petrol
Unstable with:	Strong acids, benzene, acetone, iodine, toluene, trichloroethylene.
Risk of stress cracks:	Low, only with some solvents such as benzene and acetone.
Material designation according to DIN 7748:	PVC-U-E-D-080-04-28
Tensile strength to DIN 53 455:	Min. 40 N/mm ²
Elongation at tear according to DIN 53 455:	Min. 65%
Impact resistance according to DIN 53 481:	Min. 20 KV/mm
Surface resistance according to DIN 5 3 482:	Min. 10 10
Thermoforming resistance according to DIN 53 460/B:	Min. 75 °C
Flammability according to UL 94:	Level V0
Fire behaviour according to EN 13501-1	C-s3,d0

The minus values apply only for parts in the idle condition with no severe impact stress. There is no plastic that is resistant to every chemical. The agents listed are only a small selection. Plastic parts are especially at risk in the presence of chemicals and high temperatures. Stress cracks may occur. If in doubt, please consult us and/or ask for a detailed chemical resistance table. Stress crack formation: Stress cracks may occur if plastic parts under

tension are exposed to chemicals at the same time. Parts made of polystyrene and polyethylene are particularly susceptible. Stress cracks may even be caused by agents to which the plastic in question is resistant in the absence of stress. Typical examples of parts under constant stress when used as intended: grip clips, intermediate connectors of cable glands, ribbon clips.

A = very good resistance
B = average resistance
C = not resistant

Medium	Temp. °C	Resistance
1.3-benzole disulphonic acid	20	A
1.3-butadiene	20	A
2.4-chlorobenzoyl chloride	20	A
2-amino-2.2-diphenylacetic acid	20	A
4-chlorine-2-nitroaniline	20	C
4-chlorobenzaldehyde-2-sulphonic acid	20	A
5-amino-2-hydroxybenzoic acid	20	A
Abietic acid	20	A
Acetaldehyde 100%	20	C
Acetaldehyde 40%	20	A
Acetaldehyde 40%	40	B
Acetaldehyde, acetic acid ratio 90:10	20	B
Acetanilide 100%	20	A
Acetates (ammonium-, Na- and others)	50	A
Acetic acid 10%	60	A
Acetic acid 100%	20	A
Acetic acid 100%	60	B
Acetic acid 25%	40	A
Acetic acid 25-70%	40	A
Acetic anhydride	20	C
Acetone	20	C
Acetophenone (methyl phenyl ketone)	20	C
Acetylacetone (2.4-pentanedione)	20	C
Acetylene 100%	20	B
Acetylsalicylic acid	20	A
Adipic acid	20	A
Adipic acid	60	B
Alcoholic drinks	< 40	A
Alizarin 100%	20	A
Alkanolic sulphonic acids	50	A
Allyl alcohol 100%	20	B
Allyl alcohol 100%	60	C
Allyl chloride	20	C
Aminobenzene (p-)	20	A
Aminobenzenesulphonic acid (m-, o-, p-)	20	A
Aminosalicylic acid (p-)	20	A
Ammonia (vapours of all concentrations)	40	A
Ammonia (vapours of all concentrations)	60	B
Ammonia, anhydrous, liquid	< 60	B
Ammonium hydroxide	60	A
Aniline 100%	20	A
Aniline chloride, saturated solution	20	C
Apple juice	60	A
Ascorbic acid	20	A
Aspartic acid	20	A
Beer	60	A
Benzene, containing benzole	20	C
Benzene, free from aromatic hydrocarbons	60	A
Benzoic acid	40	A
Benzoic anhydride	30	A
Benzole	20	C
Benzophenone 100%	20	C
Benzosulphonic acid	60	A
Benzotrichloride	20	C
Benzotrifluoride	20	C
Benzoylbenzoic acid	20	A
Benzyl chloride	20	C
Betene	20	A
Bleaching liquor, 12% active chlorine	40	A
Bleaching liquor, 12% active chlorine	60	B
Blood	40	A
Boiled oil	60	C
Borates (NA-)	20	A
Borax	40	A
Boric acid	20	A
Brewer's wort	20	A
Brine	60	A
Bromates (K-, Na-)	40	A
Bromic acid	20	A
Bromides (K-, Na- and others)	60	A
Bromine water	20	A
Bromine, gaseous, dry	20	A
Bromine, liquid	20	C
Bromobenzene	20	C
Bromochloromethane	20	C
Bromochloropropane	20	C
Bromoform 100%	20	C
Butane, gaseous, 30%	20	A
Butanediol over 60%	40	B
Butanediol over 60%	20	C
Butanediol to 10%	20	A
Butanol	60	A
Buttermilk	20	A
Butyl acetate	20	C
Butyl butyrate	20	C
Butyl chloride	20	C
Butyl glycolate	20	C

A = very good resistance
B = average resistance
C = not resistant

Medium	Temp. °C	Resistance
Butyl phenols	20	C
Butyric acid 100%	20	C
Butyric acid 20%	20	A
Butyric acid 20%	60	C
Carbon dioxide	60	A
Carbon disulphide 100%	20	B
Carbon monoxide	60	A
Castor oil	60	A
Chlorates (K-, Na- and others)	20	A
Chlorates (K-, Na- and others)	60	B
Chlorates (K-, Na- and others)	60	A
Chloric acid to 20%	40	A
Chloric acid to 20%	60	B
Chlorides (ammonium-, Na- and others)	20	A
Chlorine cyanide	20	A
Chlorine water (saturated solution)	20	B
Chlorine, gaseous, dry 0.5%	20	A
Chlorine, gaseous, dry 100%	20	B
Chlorine, gaseous, moist 5%	20	B
Chlorine, liquid	20	C
Chloro nitrobenzoic acid	20	A
Chloroacetaldehyde	20	C
Chloroacetic acid	20	A
Chloroacetones	20	C
Chloroacetyl chloride	20	C
Chloroaniline	20	C
Chlorobenzaldehyde	20	C
Chlorobenzene	20	C
Chlorobenzotrifluoride	20	C
Chlorobenzoyl chloride	20	C
Chlorocresole	20	C
Chloroethylbenzene	20	C
Chloroform	20	C
Chloronaphthalene	20	C
Chromates (K-, Na- to 50%)	50	A
Chrome alum	60	A
Chromic acid	30	A
Chromic acid to 50%	40	A
Citrates (ammonium-, Na)	20	A
Citric acid	20	A
Citric acid	60	B
Cresol	20	C
Cumene	20	C
Cyanamide	20	A
Cyanides (K-, Na- to 50%)	60	A
Cyanoacetic acid	20	C
Cyclohexanol	20	C
Cyclohexanone	20	C
Developer	40	A
Dextrose	50	A
Dibromomethylene	20	C
Dibutyl oxalate	20	C
Dibutyl phthalate	20	C
Dichloroethylene	20	C
Dichloropropylene	20	C
Dichromates (K-, Na-)	50	C
Diethyl ether	20	C
Diethylamine 100%	20	C
Diethylene glycol	60	C
Dimethyl ether	20	C
Di-n-butyl ether	20	C
Diotyl phthalate	20	C
Dioxan	20	C
Diphenyl	20	C
Diphenylamine	20	C
Ethane	20	A
Ethanol	40	A
Ethanolamine	20	B
Ethyl acetate	20	C
Ethyl acrylate	20	C
Ethyl chloride	20	C
Ethylbenzene	20	C
Ethylene glycol	20	A
Fish oil	20	A
Fixing bath	60	A
Fluorides (ammonium-, K-, Na- and others)	60	A
Fluorine	20	B
Fluorine	60	C
Formaldehyde	60	A
Formamide 100%	20	C
Formates (ammonium- and others)	20	A
Formic acid 100%	20	B
Formic acid 100%	60	C
Formic acid 50%	40	A
Furfural	20	C
Furfuryl alcohol	20	C
Gelatine	60	A

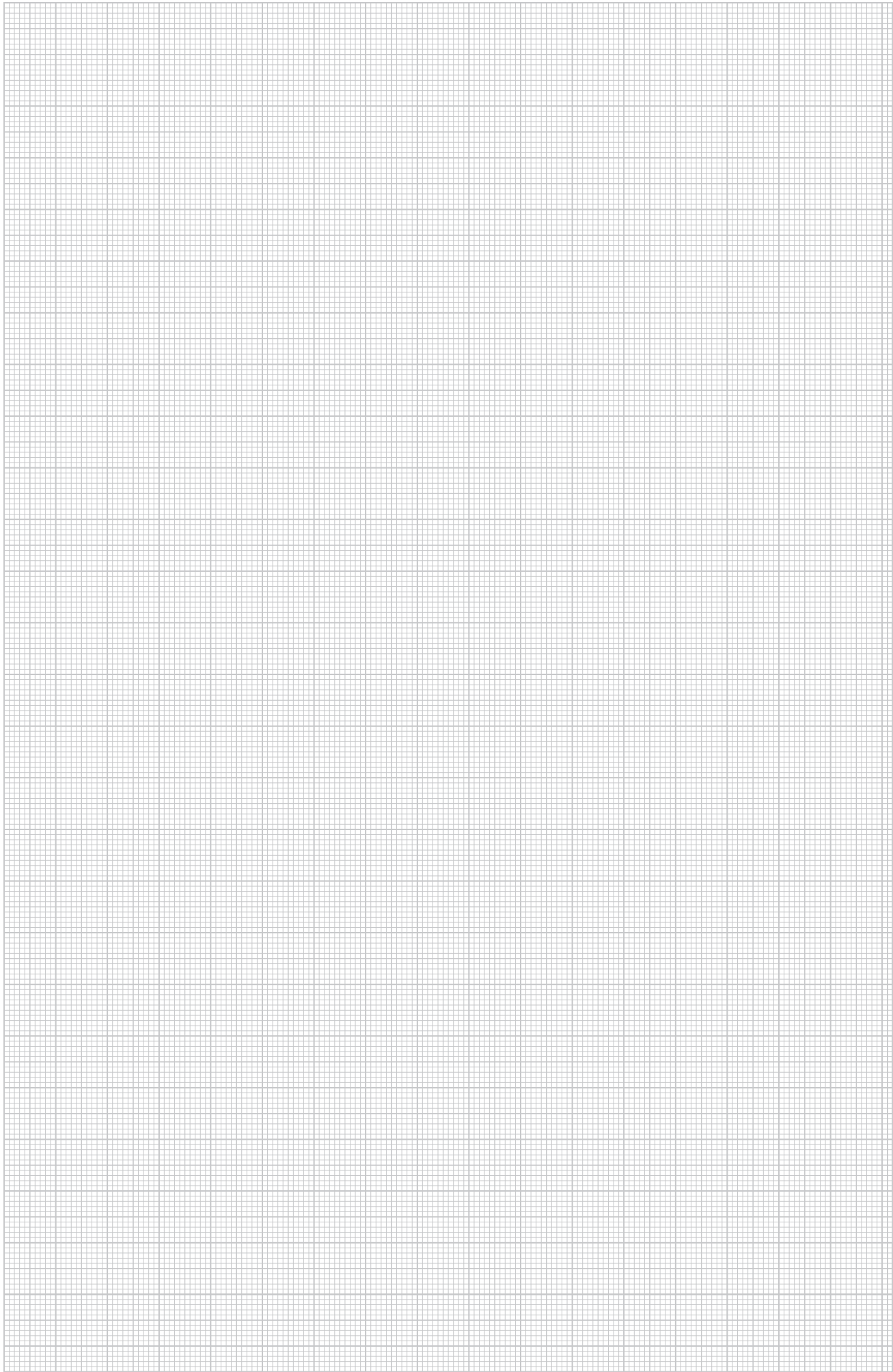


A = very good resistance
B = average resistance
C = not resistant

Medium	Temp. °C	Resistance
Gluconic acid	20	A
Glucose	60	A
Glutamic acid	20	A
Glycerine	60	A
Glycine	40	A
Glycol	60	A
Heptanes	20	A
Hexachloroethane	20	C
Hexacyanoferrates-II (Na-)	40	A
Hexacyanoferrates-III (K-)	40	A
Hexafluorosilicates (ammonium-, K- and others)	60	A
Hexafluorosilicic acid 32%	60	A
Hexamethylenetetramine (urotropine) 40% aqueous solution	60	A
Humic acids	20	A
Hydrazine, diluted solution 100%	20	C
Hydrazine, diluted solution 30%	20	A
Hydrobromic acid to 40%	60	A
Hydrochloric acid to 30%	20	A
Hydrochloric acid to 30%	60	B
Hydrochloric acid to 37%	20	A
Hydrochloric acid to 37%	40	B
Hydrofluoric acid to 40%	40	A
Hydrofluoric acid to 60%	60	B
Hydrogen bromide 100%	20	A
Hydrogen bromide 100%	60	B
Hydrogen chloride (gaseous, dry and moist)	40	A
Hydrogen cyanide	40	A
Hydrogen peroxide to 30%	60	A
Hydrogen peroxide to 90%	20	A
Hydrogen sulphide	60	A
Hydroxides (alkaline-earth metal)	60	A
Hydroxides (K-, Na-)	60	A
Hypochlorites (K-, Na- and others)	60	A
Hypochlorous acid	60	A
Illuminating gas	20	A
Iodates (K-, Na- and others)	60	A
Iodides (K-, Na-)	60	A
Iodine	20	C
Isobutyl phosphate	20	C
Lactic acid 10%	20	A
Lactic acid 10%	60	C
Lactic acid 100%	20	C
Lard	20	A
Linoleic acid	60	A
Linseed oil	60	A
Malic acid	20	A
Methanol 100%	40	A
Methanol 100%	60	B
Methyl bromide	20	C
Methyl chloride	20	C
Methyl methacrylate	20	C
Methylamine	20	B
Methylene dichloride	20	C
Milk	20	A
Mineral oils	60	C
N,N-diethyl aniline	20	C
Naphthalene	20	C
Nitrates (ammonium-, K-, Na- and others)	60	A
Nitric acid 25%	20	A
Nitric acid 25%	60	B
Nitric acid 50%	20	A
Nitric acid 50%	50	B
Nitric acid 95%	20	C
Nitrites (K-, Na- and others)	60	A
Nitrobenzene	20	C
Nitrogen oxide	20	C
Nitroglycerine	20	B
Nitrous acid to 50%	50	A
Nitrous acid to 98%	20	C
Oleic acid	60	A
Oxalates (ammonium-, K-, Na- and others)	60	A
Oxalic acid	40	A
Oxygen	60	A
Ozone 10%	30	A
Ozone 10%	60	B
Palmitic acid	20	A
Paraffin	40	A
Pentyl acetate	20	C
Pentyl alcohol	60	A
Pentyl chloride	20	C
Pentyl laurate	20	C
Perbonate (K-)	60	A
Perchlorate	40	A
Perchloric acid 70%	20	A
Permanganate (K-) 6 to 15%	40	A

A = very good resistance
B = average resistance
C = not resistant

Medium	Temp. °C	Resistance
Permanganate (K-) 6 to 15%	60	B
Permanganate (K-) to 6%	60	A
Peroxymonosulphuric acid (Caro's acid)	20	A
Persulphate (Ammonium-, K-, Na- and others)	40	A
Petroleum	60	A
Phenol 1%	20	A
Phenol 90%	45	B
Phenylhydrazine	20	C
Phenylhydrazine chloride	20	B
Phenylhydrazine chloride	60	C
Phosgene, gaseous	20	A
Phosgene, gaseous	60	B
Phosgene, liquid	20	C
Phosphates (ammonium-, K-, Na- and others)	60	A
Phosphoric acid	40	A
Phosphoric acid	60	B
Phosphorus pentoxide	20	A
Propane	20	A
Propanol	60	A
Pyridine	20	A
Rhodanides (ammonium-, K-, Na- and others)	60	A
Salicylic acid	20	A
Silicates (K-)	20	A
Soap solution	40	A
Stearic acid	60	A
Sulphates (ammonium-, K-, Na- and others)	60	A
Sulphites (ammonium-, K-, Na- and others)	60	A
Sulphur dioxide, gaseous, dry and moist 100%	60	A
Sulphuric acid to 40%	20	C
Sulphuric acid to 50%	50	A
Sulphuric acid to 50%	60	A
Sulphuric acid to 80%	40	C
Sulphuric acid to 80%	60	B
Sulphuric acid to 96%	20	A
Sulphuric acid to 96%	60	B
Sulphuric acid, fuming (10% oleum)	20	C
Sulphurous acid	60	A
Tallow	60	A
Tan bark	20	A
Tar, free from aromatic hydrocarbons	20	A
Tartaric acid	60	A
Tetraethyl lead	60	A
Tetrafluoroboric acid	20	A
Tetrahydrofuran	20	C
Thickness	60	A
Toluene	20	A
Transformer oil	60	A
Trichloroethylene	20	C
Turpentine	20	A
Urea	60	C
Vegetable oils	40	A
Vinyl acetate	20	C
Viscose spinning solutions	60	A
Water	40	A
Water	60	B
Wine	40	A
Wine vinegar	50	A
Wood tar	20	C
Xylenes	20	C



Power supply units

	VH – prewired power supply units IP20	58
	VH – empty housing and installation accessories IP20, pure white	66
	Accessories IP 20 VH4/VH8	68
	Accessories IP 20 and IP 44	70
	VHF – empty housing and installation accessories IP44	72



HoverCube VH/VHF

Suspended energy distributor for workplaces and machinery in industry, the trades and in training areas. The HoverCubes can be placed freely in the room. They are supplied from the ceiling. Depending on the protection rating, they can be equipped flexibly to supply power, data and media technology through to work media such as compressed air.

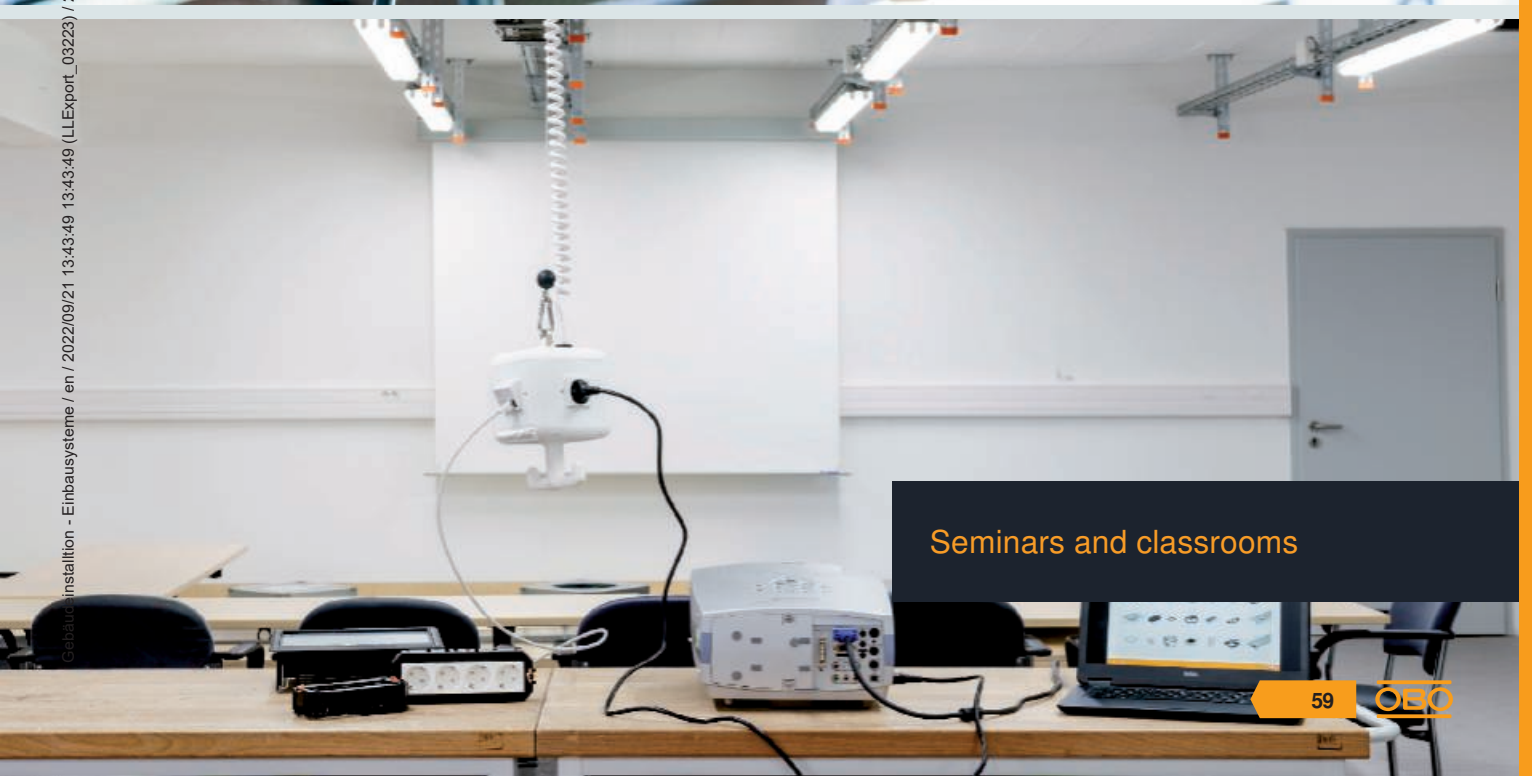




Workshops and work areas



Industrial and assembly workplaces



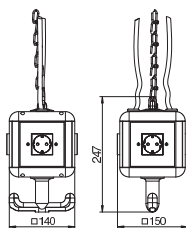
Seminars and classrooms





HoverCube VH-4, 4x protective contact socket

PA



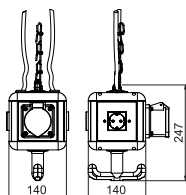
Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
VH-4 4SD	Graphite black	1	95.000	6109802

Housing equipped and pre-wired with suspension lug, grip hook and four cover plates.

Equipped as follows: 4x single protective contact sockets 16 A/250 V with increased touch protection, pre-wired for two AC currents, connection via 2x 3-pin terminals, 1x CEE socket 16 A/415 V, with partition for circuit separation.

HoverCube VH-4, 3x protective contact socket, 1x CEE 16 A

PA



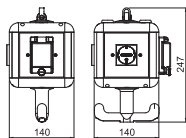
Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
VH-4 3SD1C16	Graphite black	1	115.700	6109804

Housing equipped and pre-wired with suspension lug, grip hook and four cover plates.

Equipped as follows: 3x single protective contact sockets 16 A/250 V with increased touch protection, pre-wired for an AC current, connection via 1x 3-pin terminal, 1x CEE socket 16 A/415 V, with partition for circuit separation.

HoverCube VH-4, with FI/LS, 2x protective contact sockets

PA



Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
VH-4 2SD FILS	Graphite black	1	98.000	6109780

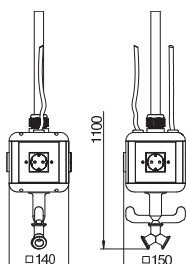
In the case of an overcurrent/error current (16 A/30 mA), the VH-4 HoverCube with decentralised protection triggers the FI/LS directly. Switching back on can take place directly on the power supply unit.

Equipped as follows: 2x single sockets with earthing pin 16 A/250 V with increased touch protection, pre-wired for an AC current, connection via 1x 3-pin terminal, with partition for circuit separation and an FI/LS switch.

One unequipped side with a free panel for individual, construction-side equipment (e.g. blanking plate, cover plate for devices/Modul 45 devices).

HoverCube VH-4, 4x protective contact socket, with compressed air connection

PA



Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
VH-4L 4SD	Graphite black	1	428.600	6109812

Housing equipped and pre-wired, with 1 m pipe 1/2" and connection for compressed air hose 13 x 3.5 mm and 2-way distributor 1/2", with suspension lug, grip hook and four cover plates.

Equipped as follows: 4x single protective contact sockets 16 A/250 V with increased touch protection, pre-wired for two AC currents, connection via 2x 3-pin terminals, 1x CEE socket 16 A/415 V, with partition for circuit separation.

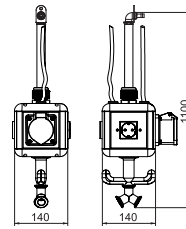
PA

HoverCube VH-4, 3x protective contact socket, 1x CEE 16 A, with compressed air connection

Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
VH-4L 3SD1C16	Graphite black	1	380.000	6109814

Housing equipped and pre-wired, with 1 m pipe 1/2" and connection for compressed air hose 13 x 3.5 mm and 2-way distributor 1/2", with suspension lug, grip hook and four cover plates.

Equipped as follows: 3x single protective contact sockets 16 A/250 V with increased touch protection, pre-wired for an AC current, connection via 1x 3-pin terminal, 1x CEE socket 16 A/415 V, with partition for circuit separation.



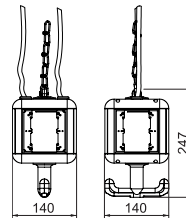
VH – empty housing and installation accessories IP20

PA

HoverCube VH-4, empty housing

Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
VH-4 LG	Graphite black	1	62.000	6109800

Empty housing with suspension lug and grip hook, for the installation of four electrical resources, with included partition. Without cover plates.

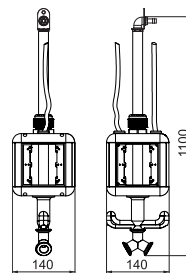


PA

HoverCube VH-4, empty housing, with compressed air connection

Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
VH-4L LG	Graphite black	1	343.800	6109810

Empty housing with 1 m pipe 1/2" and connection for compressed air hose 13 x 3.5 mm and 2-way distributor 1/2". With suspension lug and grip hook, for the installation of four electrical resources, with included partition. Without cover plates.

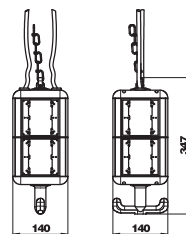


PA

HoverCube VH-8, empty housing

Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
VH-8 LG	Graphite black	1	88.200	6109821

Empty housing with suspension lug and grip hook, for the installation of eight electrical resources, with included partition. Without cover plates.

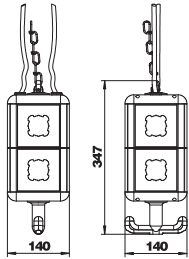




VH – empty housing and installation accessories IP20

HoverCube VH-8, empty housing, with cover plates

PA

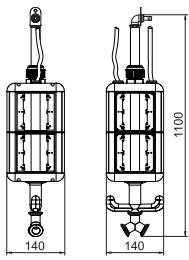


Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
VH-8 LG8P2	Graphite black	1	123.400	6109820

Empty housing with suspension lug and grip hook, for the installation of eight electrical resources, with included partition. With eight cover plates for accessories with concealed support ring or support bracket.

HoverCube VH-8, empty housing, with compressed air connection

PA

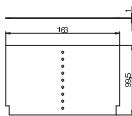
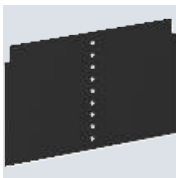


Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
VH-8L LG	Graphite black	1	300.000	6109825

Empty housing with 1 m pipe 1/2" and connection for compressed air hose 13 x 3.5 mm and 2-way distributor 1/2". With suspension lug and grip hook, for the installation of electrical resources, with included partition. Without cover plates.

Partition VH-4

PVC

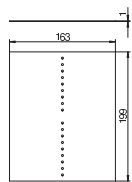


Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
VH-4 TW	Graphite black	1	2.350	6109832

Additional partition wall for reciprocal insulation of three different power circuits and types. Version for VH-4.

Partition VH-8

PVC



Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
VH-8 TW	Graphite black	1	4.890	6109862

Additional partition wall for reciprocal insulation of three different power circuits and types. Version for VH-8.

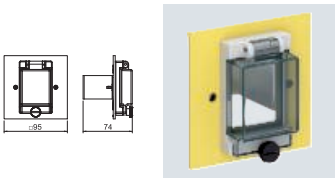
PA

Mounting set VH4

Colour		Pack	Weight	Item no.
Type		Piece	kg/100 pc.	
VH MS FILS	Yellow	1	10.500	6109788

Mounting kit for the installation of series-mounted devices up to 2 part units, e.g. of an FI/LS switch in the freely terminable HoverCube VH4/VH8.

Mounting of the FI/LS switch is possible at a later time, irrespective of the system.

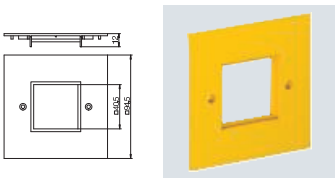


PA

VH cover plate, for Modul 45 devices, single

Colour		Pack	Weight	Item no.
Type		Piece	kg/100 pc.	
VH-P4	Rape yellow	1	2.030	6109840

Cover plate to install a single Modul 45 socket.

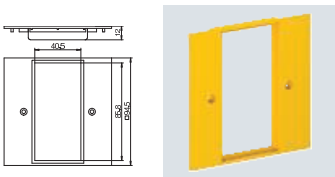


PA

VH cover plate, for Modul 45 devices, double

Colour		Pack	Weight	Item no.
Type		Piece	kg/100 pc.	
VH-P5	Rape yellow	1	1.749	6109836

Cover plate to install a double Modul 45 socket.

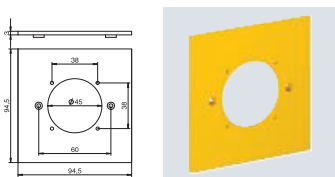


PA

VH cover plate, for 1x extension socket, type ASD

Colour		Pack	Weight	Item no.
Type		Piece	kg/100 pc.	
VH-P7	Rape yellow	1	1.890	6109839

Cover plate with opening for the installation of a socket with 38 x 38 mm fastening system.



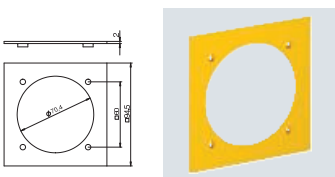
PA

Cover plate VH, for CEE connection unit

Colour		Pack	Weight	Item no.
Type		Piece	kg/100 pc.	
VH-P3	Rape yellow	1	1.830	6109838

Cover plate with a Ø 70 mm opening for the installation of a CEE socket 16/32 A with 60 mm fastening track, including four fastening screws.

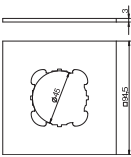
Information on equipment:
Max. 2 CEE sockets 16/32 A in a power supply unit VH-4
Max. 4 CEE sockets 16/32 A in a power supply unit VH-8



Gebäudeinstallation - Einbausysteme / en / 2022/09/21 13:43:49 (LLEXP03223) / 2022/09/21 13:44:08 13:44:08

Cover plate VH, for EK and EKR devices

PA

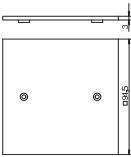


Colour		Pack	Weight	Item no.
Type		Piece	kg/100 pc.	
VH-P2	Rape yellow	1	2.300	6109834

Cover plate with opening Ø 45 mm for the installation of a device with concealed support ring or support clamp.

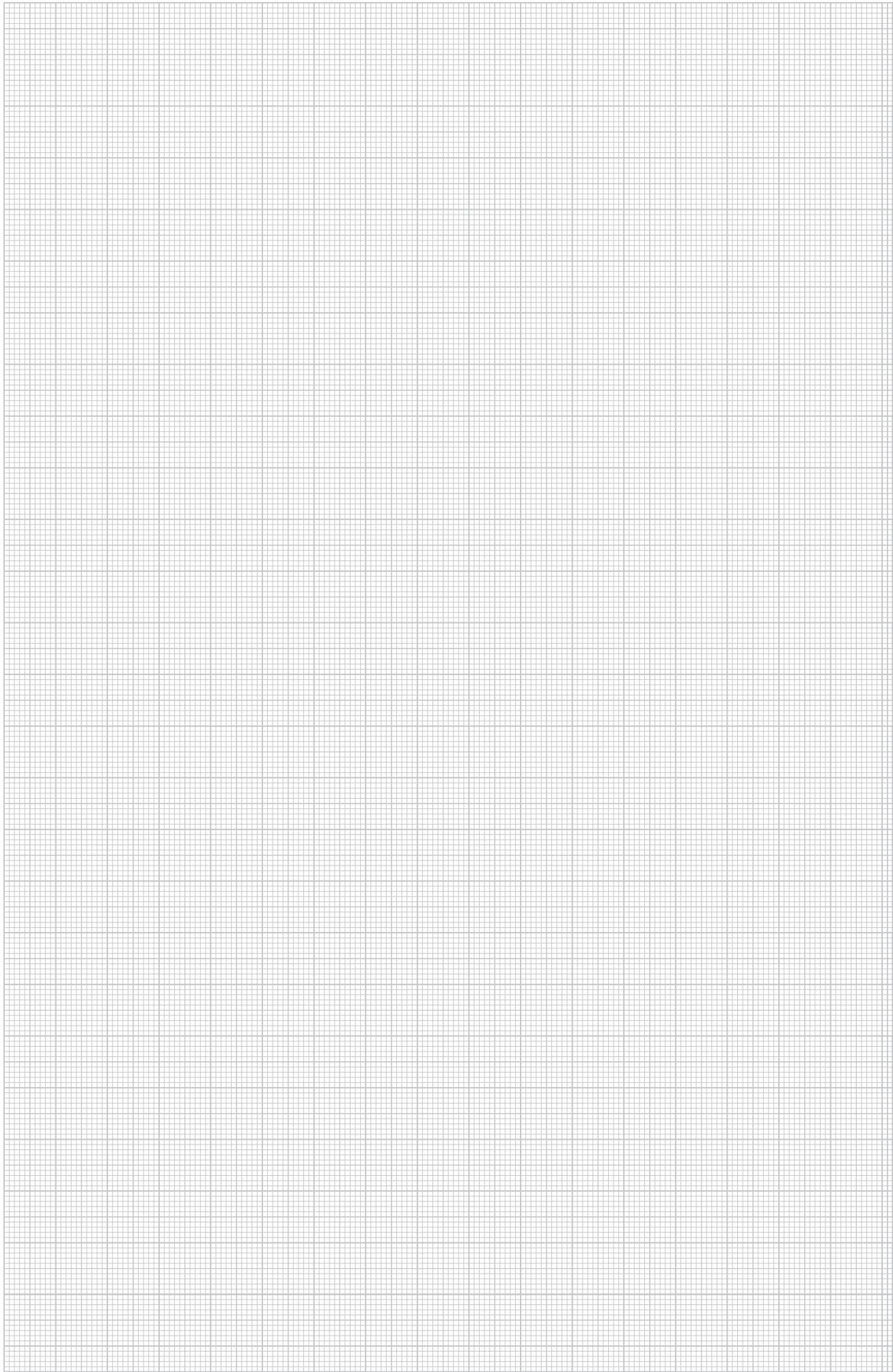
VH cover plate as blanking cover

PA



Colour		Pack	Weight	Item no.
Type		Piece	kg/100 pc.	
VH-P1	Rape yellow	1	2.930	6109842

Cover plate as blanking cover.

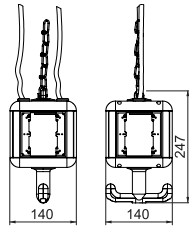




VH - Empty housing and installation accessories IP20, pure white

HoverCube VH-4, empty housing

PA



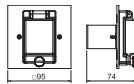
Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
VH-4 LG RW	Pure white	1	72.000	6109801

Empty housing with suspension lug and grip hook, for the installation of four electrical resources, with included partition. Without cover plates.

Accessories IP 20, pure white

Mounting set VH4

PA



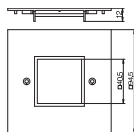
Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
VH MS FILS RW	Pure white	1	10.500	6109789

Mounting kit for the installation of series-mounted devices up to 2 part units, e.g. of an FI/LS switch in the freely terminable HoverCube VH4/VH8.

Mounting of the FI/LS switch is possible at a later time, irrespective of the system.

VH cover plate, for Modul 45 devices, single

PA



Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
VH-P4 RW	Pure white	1	2.009	6109841

Cover plate to install a single Modul 45 socket.

VH cover plate, for Modul 45 devices, double

PA

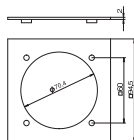


Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
VH-P5 RW	Pure white	1	1.728	6109835

Cover plate to install a double Modul 45 socket.

Cover plate VH, for CEE connection unit

PA



Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
VH-P3 RW	Pure white	1	1.830	6109837

Cover plate with a Ø 70 mm opening for the installation of a CEE socket 16/32 A with 60 mm fastening track, including four fastening screws.

Information on equipment:

Max. 2 CEE sockets 16/32 A in a power supply unit VH-4

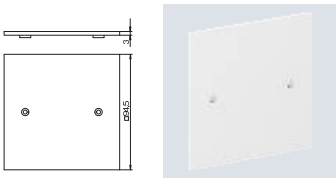
Max. 4 CEE sockets 16/32 A in a power supply unit VH-8

PA

VH cover plate as blanking cover

Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
VH-P1 RW	Pure white	1	3.000	6109843

Cover plate as blanking cover.

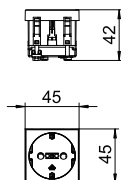


Power supply units



0° socket, protective contact, single

PC

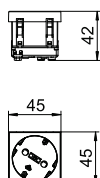


Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
STD-D0 RW1	Pure white	1	4.200	6120008
STD-D0 ROR1	Pure orange	1	4.200	6120010
STD-D0 MZGN1	Signal green	1	4.200	6120012
STD-D0 SRO1	Signal red	1	4.200	6120014
STD-D0 SWGR1	Black-grey	1	4.200	6120016

Power socket, single 0°, with increased touch protection with screwless terminals, 2-pin, 16 A, 250 V~, with connection terminals to IEC 60884-1.

33° socket, protective contact, single

PC

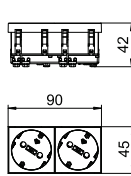


Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
STD-D3S RW1	Pure white	1	4.000	6120073
STD-D3S ROR1	Pure orange	1	4.000	6120075
STD-D3S MZGN1	Signal green	1	4.000	6120077
STD-D3S SRO1	Signal red	1	4.000	6120079
STD-D3S SWGR1	Black-grey	1	4.000	6120081

Protective contact socket, single 33°, with increased touch protection, with screwless terminals, 2-pin, 16 A, 250 V~, with connection terminals to IEC 60884-1.

33° socket, protective contact, double

PC

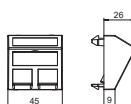


Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
STD-D3S RW2	Pure white	1	7.700	6120103
STD-D3S ROR2	Pure orange	1	7.700	6120105
STD-D3S MZGN2	Signal green	1	7.700	6120107
STD-D3S SRO2	Signal red	1	7.700	6120109
STD-D3S SWGR2	Black-grey	1	7.700	6120111

Protective contact socket, double 33°, with increased touch protection, with screwless terminals, 2-pin, 16 A, 250 V~, with connection terminals to IEC 60884-1.

Data technology support, 1 module, slanting outlet, type C

PC

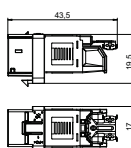


Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
DTS-2C RW1	Pure white	1	1.500	6119250
DTS-2C SWGR1	Black-grey	1	1.500	6119252

The type C data technology support is suitable for accepting the following data connection modules: BTR (Keystone design): Cat. 6A module and UAE module; Corning: modules with Keystone seat; CobiNet: CobiDat KS module; Dätwyler: KS-T, KS-TS, MS-K and KU-T; ECU: E-Stone; Harting: Prelink Keystone Cat. 6A; Fixlink Keystone Cat. 6A; Komos: KDM 500 module; Leoni Kerpen: MegaLine-Connect45 Keystone socket modules; OBO: Type ASM-C6A and ASM-C6A G; R&M: Cat. 6A with Keystone fastening; Rutenbeck: UM and UMflex; SETEC: UKJ and XKJ; Telegärtner: AMJ and UMJ.

Data technology support with slanting outlet and locking slider to accept two data technology connection modules with RJ45 socket. The locking fastening is suitable for horizontal and vertical installation in the system environment. Type C has a mounting opening of 19.30 x 14.80 mm and is designed for direct fastening of the data connection modules in the mounting opening.

Connection module Cat. 6A, unshielded, keystone



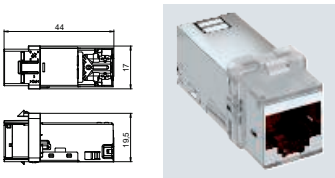
Type	Pack Piece	Weight kg/100 pc.	Item no.
ASM-C6A	1	1.050	6117348

Connection module Cat. 6A (ISO) unshielded, with an RJ45 slot. Including a dust cover, a cable tie, a Keystone fastening frame and mounting instructions. Suitable for installation in the data technology supports of type DTG-2C and DTS-2C, support plate of type MTM 2C and MTM 3C, mounting plate of type MPR2 2C, mounting supports of type MTGE2 2C, MTGE2 15 2C and MTGE2 F 2C.

Connection module Cat. 6A, shielded, Keystone

Type	Pack Piece	Weight kg/100 pc.	Item no.
ASM-C6A G	1	1.630	6117346

Connection module Cat. 6A (ISO) shielded, with an RJ45 slot. Including an EMC screen hood, a dust cover, a cable tie, a Keystone fastening frame and mounting instructions. Suitable for installation in the data technology supports of type DTG-2C and DTS-2C, support plate of type MTM 2C and MTM 3C, mounting plate of type MPR2 2C, mounting supports of type MTGE2 2C, MTGE2 15 2C and MTGE2 F 2C.

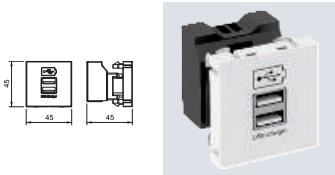


PC

USB charging device

Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
MTG-2UC2.1 RW1	Pure white	1	6.162	6105300
MTG-2UC2.1 SWGR1	Black-grey	1	5.500	6105302

USB charging device with two USB type A sockets, for charging 1–2 mobile devices, maximum charging current 1 x 2,100 mA or 2 x 1,050 mA.

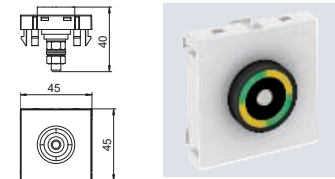


PC

Equipotential bonding socket, 1 module, straight outlet

Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
PAD-ID6 RW1	Pure white	1	5.000	6120003
PAD-ID6 SWGR1	Black-grey	1	5.000	6120001

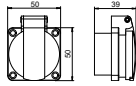
Equipotential bonding socket to DIN 42801, socket in black with green-yellow colour ring, cable connection to rear with M6 screw bolt, including two nuts, washers and a serrated washer.





Accessories IP 20 and IP 44

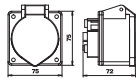
Surface-mounted socket 0° with hinged cover, protective contact, single



Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
ASD-D0 SW	Black	1	4.804	6109873

Protective contact extension socket 0° with hinged cover, with screwless terminals, 2-pin, 16 A, 250 V~, with connection terminals to IEC 60884-1. Protection rating: IP44.

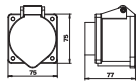
CEE connection unit, 16 A



Type	Pack Piece	Weight kg/100 pc.	Item no.
CEE-16A	1	19.100	6109874

CEE socket with 60 mm fastening track, 3-pin + N + PE, 400 V, 16 A, 6 h.

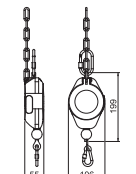
CEE connection unit, 32 A



Type	Pack Piece	Weight kg/100 pc.	Item no.
CEE-32A	1	20.400	6109876

CEE socket with 60 mm fastening track, 3-pin + N + PE, 400 V, 32 A, 6 h.

Positioner for VH power supply units



Type	Designation	Colour	Pack Piece	Weight kg/100 pc.	Item no.
VH-POS	Up to 6 kg load capacity	Orange	1	80.000	6109887

Positioner for variable height adjustment of a VH power supply unit, support load between 0.5 and 6.0 kg, maximum cable draw-out 1.5 m.

VH/VHF tension spring

VA 2B



Type	Pack Piece	Weight kg/100 pc.	Item no.
VH-F100VA	1	31.350	6109829

Tension spring for VH/VHF power supply units, with German eyelet.

Fmax = 100 N
L0 = 200 mm
Ln = 500 mm (for Fmax.)
Material: VA ø 3.0 mm

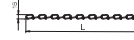
St

Knotted chain

Designation		Pack	Weight	Item no.
Type		m	kg/100 m	
VH-K800	Sold by the metre	1	20.000	6109870

Knotted chain made of pre-copper-plated steel, nickel-plated, according to DIN 5686.
Max. tensile force: 800 N.

Note: Specify the required chain length during ordering.



St G

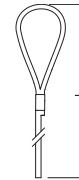
Support cable with loop

Type	Cable dia- meter	Operating load	Dim. L	Pack	Weight	Item no.
	mm	kg	mm	Piece	kg/100 pc.	
QWT S 3 3M G	3	90	3000	1	19.640	1450133
QWT S 3 5M G	3	90	5000	1	25.580	1450134

Support cable with loop for the suspension of different loads. Suitable for indoor use.

The loop permits simple wall and ceiling mounting, e.g. on ceiling hooks, ring eyelets or steel girders. With cable gripper for infinite, tool-free adjustment.

The operating load is stated with a safety factor of 5:1. The break load is 5x greater than the operating load. In combination with the universal bracket for mesh cable trays (QW GRH) or for cable trays (QW KRH), the safety factor is 1.7 according to IEC 61537 – Guide systems for cables.



St G

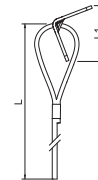
Support cable with universal bracket

Type	Cable dia- meter	Operating load	Dim. L	Dim. L1	Pack	Weight	Item no.
	mm	kg	mm	mm	Piece	kg/100 pc.	
QWT UW 3 3M G	3	90	3000	21.5	1	8.765	1450432
QWT UW 3 5M G	3	90	5000	21.5	1	15.700	1450433

Support cable with universal bracket for the suspension of different loads. Suitable for indoor use.

Universal bracket for simple wall and ceiling mounting. One bracket side with fastening hole, e.g. for a nail tie, second side with marking for a nail setting device. With cable gripper for infinite, tool-free adjustment.

The operating load is stated with a safety factor of 5:1. The break load is 5x greater than the operating load. In combination with the universal bracket for mesh cable trays (QW GRH) or for cable trays (QW KRH), the safety factor is 1.7 according to IEC 61537 – Guide systems for cables.



St G

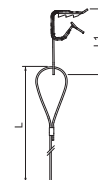
Support cable with support clamp

Type	Cable dia- meter	Operating load	Dim. L	Dim. L1	Pack	Weight	Item no.
	mm	kg	mm	mm	Piece	kg/100 pc.	
QWT TK 3 3M G	2	45	3000	41	1	8.520	1450627
QWT TK 3 5M G	2	45	5000	41	1	11.830	1450628

Support cable with support clamp for the suspension of different loads. Suitable for indoor use.

With support clamp for knocking into steel girders of flange thickness 8–14 mm. With cable gripper for infinite, tool-free adjustment.

The operating load is stated with a safety factor of 5:1. The break load is 5x greater than the operating load. In combination with the universal bracket for mesh cable trays (QW GRH) or for cable trays (QW KRH), the safety factor is 1.7 according to IEC 61537 – Guide systems for cables.

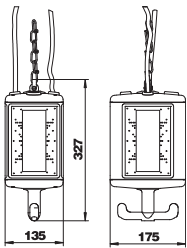




VHF – empty housing and installation accessories IP44

HoverCube VHF-8, empty housing

PA

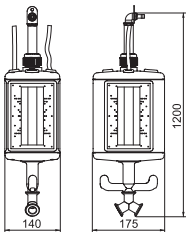


Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
VHF-8 LG	Graphite black	1	105.000	6109822

Empty housing with suspension lug and grip hook, for the installation of electrical resources, with included partition. Without cover plates to supply workplaces in wet areas. Protection rating: IP44.

HoverCube VHF-8, empty housing, with compressed air connection

PA



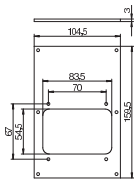
Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
VHF-8L LG	Graphite black	1	400.000	6109827

Empty housing with 1 m pipe 1/2" and connection for compressed air hose 13 x 3.5 mm and 2-way distributor 1/2". With suspension lug and grip hook, for the installation of electrical resources, with included partition. Without cover plates to supply workplaces in wet areas. Protection rating: IP44.

Accessories IP 44

Cover plate VHF for protective equipment installation

PVC

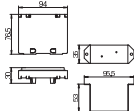
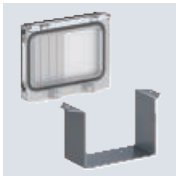


Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
VHF-P6	Rape yellow	1	4.700	6109867

Cover plate with cut out for the installation of a cover above protection unit (type VHF-AE4TE). Maximum equipment corresponds to four units.

Cover plate for the VHF power supply units for the installation of a cover above protection unit (type VHF-AE4TE). Maximum equipment corresponds to four units.

VHF protective unit construction, cover and support clamp



Type	Pack Piece	Weight kg/100 pc.	Item no.
VHF-AE4TE	1	12.800	6109850

Cover and support clamp for the installation of protective equipment such as miniature circuit breakers or FI protection switches to max. four units.

Note: Use only in conjunction with the supports VHF-T1 or VHF-T2.

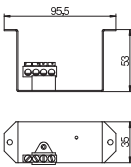
St

VHF protective unit construction, support with PE terminal strip

Type	Pack Piece	Weight kg/100 pc.	Item no.
VHF-T1	1	6.730	6109852

Support with PE terminal strip for installation of FI protection switches, consisting of:

- Base element with hat rail 35 mm and PE terminal strip 4 x 10 mm²
- Fastening material



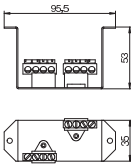
St

VHF protective unit construction, support with N + PE terminal strip

Type	Pack Piece	Weight kg/100 pc.	Item no.
VHF-T2	1	8.380	6109854

Support with N and PE terminal strip for installation of miniature circuit-breakers, consisting of:

- Base element with hat rail 35 mm, N terminal strip 4 x 10 mm² and PE terminal strip 4 x 10 mm²
- Fastening material

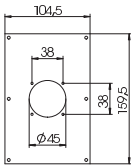


PVC

VHF cover plate, with fastening system

Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
VHF-P7	Rape yellow	1	6.600	6109878

Cover plate with opening for the installation of a socket with 38 x 38 mm fastening system.

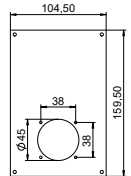


PVC

VHF cover plate, for 1x surface-mounted socket, type ASD

Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
VHF-P12	Rape yellow	1	7.400	6109856

Cover plate with a Ø 45 mm opening for the installation of an extension socket (type ASD-...) with 38 mm fastening track, including 4 screws for fastening the device.

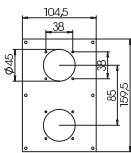


PVC

VHF cover plate, for 2x surface-mounted socket, type ASD

Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
VHF-P8	Rape yellow	1	5.900	6109879

Cover plate with two Ø 45 mm openings for the installation of two extension sockets (type ASD-...) with 38 mm fastening track, including 8 screws for fastening the device.

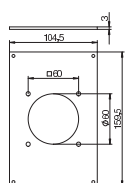


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Cover plate VHF, for CEE connection unit

PVC

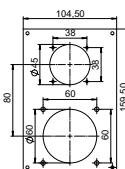
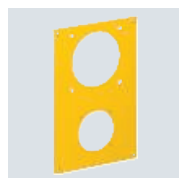


Colour		Pack	Weight	Item no.
Type		Piece	kg/100 pc.	
VHF-P3	Rape yellow	1	7.000	6109865

Cover plate with a Ø 70 mm opening for the installation of 1x CEE socket 16/32 A with 60 mm fastening track, including 4 screws for fastening the device.

Cover plate VHF, for 1x surface-mounted socket, type ASD and 1x CEE connection unit

PVC

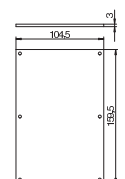


Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
VHF-P13	Rape yellow	1	7.400	6109858

Cover plate with a Ø 45 mm opening for the installation of one extension socket (type ASD-...) with 38 mm fastening track and a Ø 60 mm opening for the installation of one CEE socket 16/32 A with 60 mm fastening track, including 8 screws for fastening the device.

Cover plate VHF as blanking cover

PVC

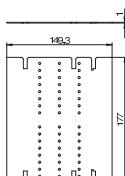
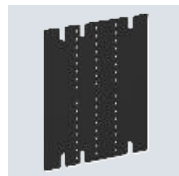


Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
VHF-P1	Rape yellow	1	7.000	6109868

Cover plate as blanking cover.

Partition VHF, with compressed air connection

PVC

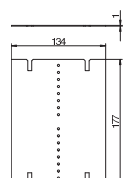
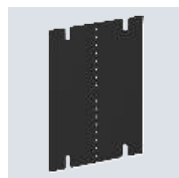


Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
VHF-TW L	Graphite black	1	3.900	6109861

Additional partition wall for reciprocal insulation of three different power circuits and types.

Partition VHF, without compressed air connection

PVC



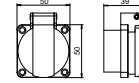
Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
VHF-TW	Graphite black	1	3.520	6109860

Additional partition wall for reciprocal insulation of three different power circuits and types.

Surface-mounted socket 0° with hinged cover, protective contact, single

Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
ASD-D0 SW	Black	1	4.804	6109873

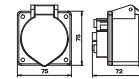
Protective contact extension socket 0° with hinged cover, with screwless terminals, 2-pin, 16 A, 250 V~, with connection terminals to IEC 60884-1. Protection rating: IP44.



CEE connection unit, 16 A

Type	Pack Piece	Weight kg/100 pc.	Item no.
CEE-16A	1	19.100	6109874

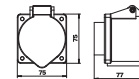
CEE socket with 60 mm fastening track, 3-pin + N + PE, 400 V, 16 A, 6 h.



CEE connection unit, 32 A

Type	Pack Piece	Weight kg/100 pc.	Item no.
CEE-32A	1	20.400	6109876

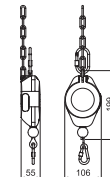
CEE socket with 60 mm fastening track, 3-pin + N + PE, 400 V, 32 A, 6 h.



Positioner for VH power supply units

Type	Designation	Colour	Pack Piece	Weight kg/100 pc.	Item no.
VH-POS	Up to 6 kg load capacity	Orange	1	80.000	6109887

Positioner for variable height adjustment of a VH power supply unit, support load between 0.5 and 6.0 kg, maximum cable draw-out 1.5 m.



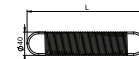
VA 2B

VH/VHF tension spring

Type	Pack Piece	Weight kg/100 pc.	Item no.
VH-F100VA	1	31.350	6109829

Tension spring for VH/VHF power supply units, with German eyelet.

Fmax = 100 N
L0 = 200 mm
Ln = 500 mm (for Fmax.)
Material: VA ø 3.0 mm



Knotted chain

St



Designation		Pack	Weight	Item no.
Type		m	kg/100 m	
VH-K800	Sold by the metre	1	20.000	6109870

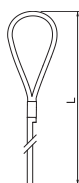
Knotted chain made of pre-copper-plated steel, nickel-plated, according to DIN 5686.

Max. tensile force: 800 N.

Note: Specify the required chain length during ordering.

Support cable with loop

St G



Type	Cable dia- meter mm	Operating load kg	Dim. L mm	Pack	Weight	Item no.
				Piece	kg/100 pc.	
QWT S 3 3M G	3	90	3000	1	19.640	1450133
QWT S 3 5M G	3	90	5000	1	25.580	1450134

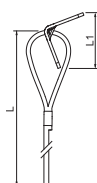
Support cable with loop for the suspension of different loads. Suitable for indoor use.

The loop permits simple wall and ceiling mounting, e.g. on ceiling hooks, ring eyelets or steel girders. With cable gripper for infinite, tool-free adjustment.

The operating load is stated with a safety factor of 5:1. The break load is 5x greater than the operating load. In combination with the universal bracket for mesh cable trays (QW GRH) or for cable trays (QW KRH), the safety factor is 1.7 according to IEC 61537 – Guide systems for cables.

Support cable with universal bracket

St G



Type	Cable dia- meter mm	Operating load kg	Dim. L mm	Dim. L1 mm	Pack	Weight	Item no.
					Piece	kg/100 pc.	
QWT UW 3 3M G	3	90	3000	21.5	1	8.765	1450432
QWT UW 3 5M G	3	90	5000	21.5	1	15.700	1450433

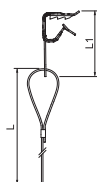
Support cable with universal bracket for the suspension of different loads. Suitable for indoor use.

Universal bracket for simple wall and ceiling mounting. One bracket side with fastening hole, e.g. for a nail tie, second side with marking for a nail setting device. With cable gripper for infinite, tool-free adjustment.

The operating load is stated with a safety factor of 5:1. The break load is 5x greater than the operating load. In combination with the universal bracket for mesh cable trays (QW GRH) or for cable trays (QW KRH), the safety factor is 1.7 according to IEC 61537 – Guide systems for cables.

Support cable with support clamp

St G



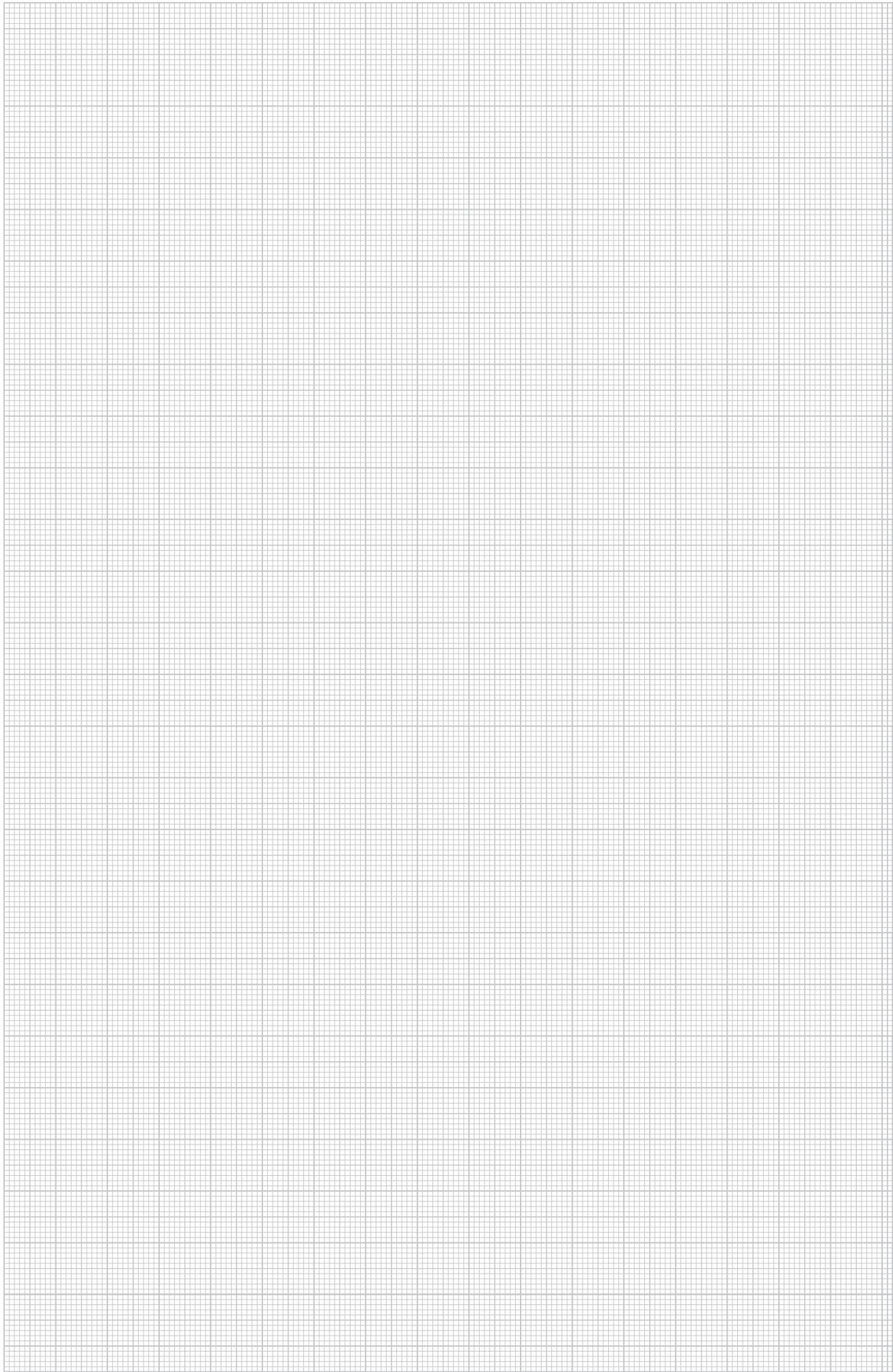
Type	Cable dia- meter mm	Operating load kg	Dim. L mm	Dim. L1 mm	Pack	Weight	Item no.
					Piece	kg/100 pc.	
QWT TK 2 3M G	2	45	3000	41	1	8.520	1450627
QWT TK 2 5M G	2	45	5000	41	1	11.830	1450628

Support cable with support clamp for the suspension of different loads. Suitable for indoor use.

With support clamp for knocking into steel girders of flange thickness 8–14 mm. With cable gripper for infinite, tool-free adjustment.

The operating load is stated with a safety factor of 5:1. The break load is 5x greater than the operating load. In combination with the universal bracket for mesh cable trays (QW GRH) or for cable trays (QW KRH), the safety factor is 1.7 according to IEC 61537 – Guide systems for cables.





Sockets



Sockets

80



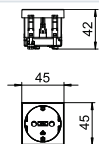
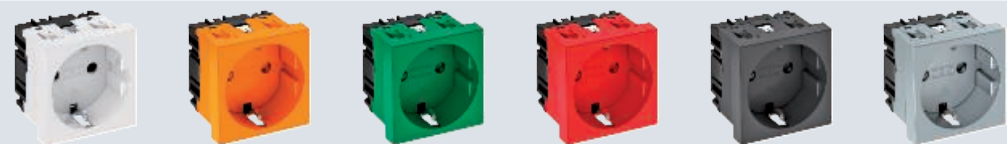
Accessories, sockets

86



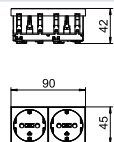
With protective contact

0° socket, protective contact, single

						
Type	STD-D0 RW1	STD-D0 ROR1	STD-D0 MZGN1	STD-D0 SRO1	STD-D0 SWGR1	STD-D0 AL 1
Colour	Pure white	Pure orange	Mint green	Signal red	Black-grey	Aluminium-painted
Pack Piece	1	1	1	1	1	1
Weight kg/100 pc.	4.200	4.200	4.200	4.200	4.200	4.200
Item no.	6120008	6120010	6120012	6120014	6120016	6120018
PC Polycarbonate						

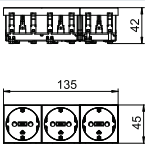
Power socket, single 0°, with increased touch protection with screwless terminals, 2-pin, 16 A, 250 V~, with connection terminals to IEC 60884-1.

0° socket, protective contact, double

						
Type	STD-D0 RW2	STD-D0 ROR2	STD-D0 MZGN2	STD-D0 SRO2	STD-D0 SWGR2	STD-D0 AL2
Colour	Pure white	Pure orange	Mint green	Signal red	Black-grey	Aluminium-painted
Pack Piece	1	1	1	1	1	1
Weight kg/100 pc.	8.000	8.000	8.000	8.000	8.000	8.000
Item no.	6120022	6120024	6120026	6120028	6120030	6120032
PC Polycarbonate						

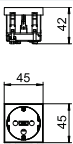
Power socket, double 0°, with increased touch protection with screwless terminals, 2-pin, 16 A, 250 V~, with connection terminals to IEC 60884-1.

0° socket, protective contact, triple

						
Type	STD-D0 RW3	STD-D0 ROR3	STD-D0 MZGN3	STD-D0 SRO3	STD-D0 SWGR3	STD-D0 AL3
Colour	Pure white	Pure orange	Mint green	Signal red	Black-grey	Aluminium-painted
Pack Piece	1	1	1	1	1	1
Weight kg/100 pc.	12.200	12.200	12.200	12.200	12.200	12.200
Item no.	6120042	6120044	6120046	6120048	6120050	6120052
PC Polycarbonate						

Power socket, triple 0°, with increased touch protection with screwless terminals, 2-pin, 16 A, 250 V~, with connection terminals to IEC 60884-1.

0° socket, protective contact, encoded version, single

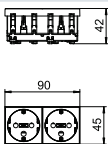


Type	STD-D0K SRO1
Colour	Signal red
Pack Piece	1
Weight kg/100 pc.	4.200
Item no.	6120292
	PC Polycarbonate

Protective contact socket, single 0°, encoded version, with increased touch protection, with screwless terminals, 2-pin, 16 A, 250 V~, with connection terminals according to IEC 60884-1.
The socket can only be used in connection with an encoding pin of type CST-STD.

Note: The encoding pin is not contained in the scope of supply.

0° socket, protective contact, encoded version, double



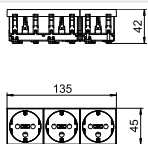
Type	STD-D0K SRO2
Colour	Signal red
Pack Piece	1
Weight kg/100 pc.	8.000
Item no.	6120294
	PC Polycarbonate

Protective contact socket, double 0°, encoded version, with increased touch protection, with screwless terminals, 2-pin, 16 A, 250 V~, with connection terminals according to IEC 60884-1.
The socket can only be used in connection with an encoding pin of type CST-STD.

Note: The encoding pin is not contained in the scope of supply.

With protective contact

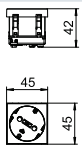
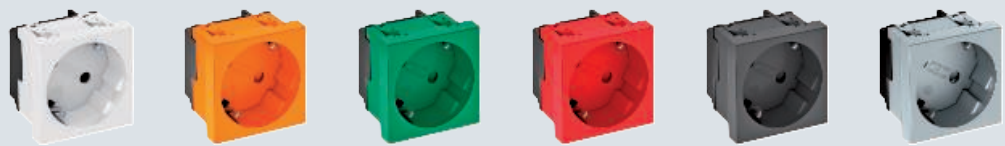
0° socket, protective contact, encoded version, triple

			
Type	STD-D0K SRO3		
Colour	Signal red		
Pack Piece	1		
Weight kg/100 pc.	12.200		
Item no.	6120296		
	 Polycarbonate		

Protective contact socket, triple 0°, encoded version, with increased touch protection, with screwless terminals, 2-pin, 16 A, 250 V~, with connection terminals according to IEC 60884-1.
The socket can only be used in connection with an encoding pin of type CST-STD.

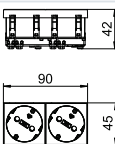
Note: The encoding pin is not contained in the scope of supply.

33° socket, protective contact, single

						
Type	STD-D3S RW1	STD-D3S ROR1	STD-D3S MZGN1	STD-D3S SRO1	STD-D3S SWGR1	STD-D3S AL1
Colour	Pure white	Pure orange	Mint green	Signal red	Black-grey	Aluminium-painted
Pack Piece	1	1	1	1	1	1
Weight kg/100 pc.	4.000	4.000	4.000	4.000	4.000	4.000
Item no.	6120073	6120075	6120077	6120079	6120081	6120083
	 Polycarbonate					

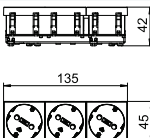
Power socket Single 33°, with increased touch protection with screwless terminals, 2-pin, 16 A, 250 V~, with connection terminals to IEC 60884-1.

33° socket, protective contact, double

						
Type	STD-D3S RW2	STD-D3S ROR2	STD-D3S MZGN2	STD-D3S SRO2	STD-D3S SWGR2	STD-D3S AL2
Colour	Pure white	Pure orange	Mint green	Signal red	Black-grey	Aluminium-painted
Pack Piece	1	1	1	1	1	1
Weight kg/100 pc.	7.700	7.700	7.700	7.700	7.700	7.700
Item no.	6120103	6120105	6120107	6120109	6120111	6120114
PC Polycarbonate						

Power socket Double 33°, with increased touch protection with screwless terminals, 2-pin, 16 A, 250 V~, with connection terminals to IEC 60884-1.

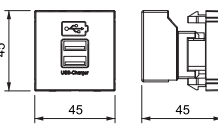
33° socket, protective contact, triple

						
Type	STD-D3S RW3	STD-D3S ROR3	STD-D3S MZGN3	STD-D3S SRO3	STD-D3S SWGR3	STD-D3S AL3
Colour	Pure white	Pure orange	Mint green	Signal red	Black-grey	Aluminium-painted
Pack Piece	1	1	1	1	1	1
Weight kg/100 pc.	11.000	11.000	11.000	11.000	11.000	11.000
Item no.	6120123	6120125	6120127	6120129	6120131	6120133
PC Polycarbonate						

Power socket Triple 33°, with increased touch protection with screwless terminals, 2-pin, 16 A, 250 V~, with connection terminals to IEC 60884-1.

USB charging device, Modul 45

USB charging device

			
Type	MTG-2UC2.1 RW1	MTG-2UC2.1 SWGR1	MTG-2UC2.1 AL1
Colour	Pure white	Black-grey	Aluminium-painted
Pack Piece	1	1	1
Weight kg/100 pc.	6.162	5.500	5.500
Item no.	6105300	6105302	6105304
PC Polycarbonate			

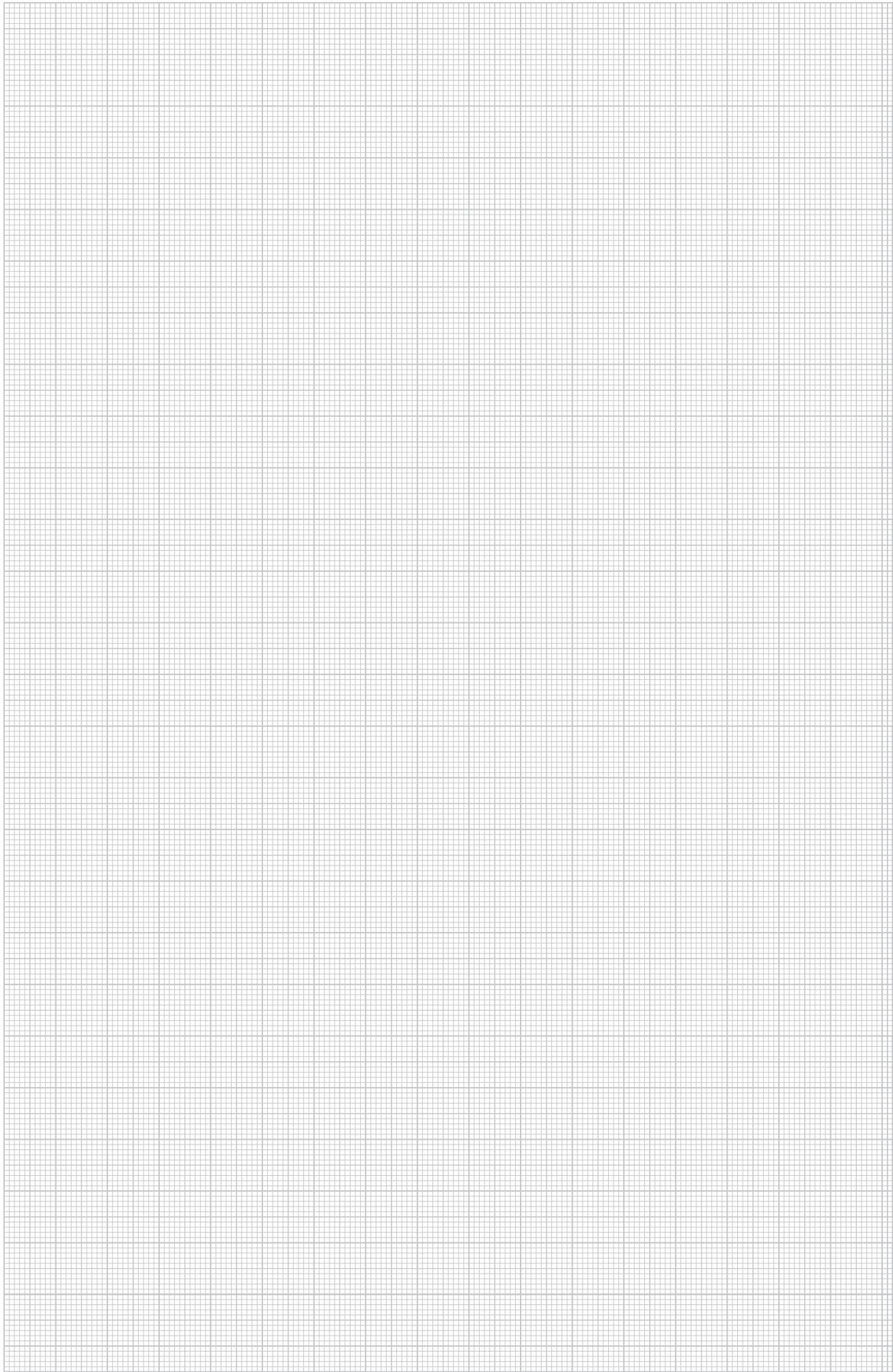
USB charging device with two USB type A sockets, for charging 1–2 mobile devices, maximum charging current 1 x 2,100 mA or 2 x 1,050 mA.

Equipotential bonding socket

Equipotential bonding socket, 1 module, straight outlet

Type	PAD-ID6 RW1	PAD-ID6 SWGR1	PAD-ID6 AL1
Colour	Pure white	Black-grey	Aluminium-painted
Pack Piece	1	1	1
Weight kg/100 pc.	5.000	5.000	5.000
Item no.	6120003	6120001	6120005
PC Polycarbonate			

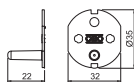
Equipotential bonding socket to DIN 42801, socket in black with green-yellow colour ring, cable connection to rear with M6 screw bolt, including two nuts, washers and a serrated washer.



Encoding pin

Encoding pin

PC



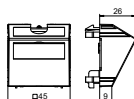
Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
CST-STD K	Black-grey	10	0.200	6120797

Encoding pin as socket attachment for the use of encoded sockets, type STD.

Cable outlet

Cable outlet for 3–11 mm cross-section

PC



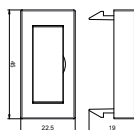
Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
KAL-K11 RW1	Pure white	1	3.500	6117420
KAL-K11 SWGR1	Black-grey	1	3.500	6117421
KAL-K11 AL1	Aluminium-painted	1	3.500	6117422

Two-part cable outlet with labelling panel, consisting of a cable support with strain relief and a cover. The strain relief is suited for cable cross-sections of 3 to 11 mm. The locking fastening is suitable for horizontal and vertical installation in the system environment.

Blanking covers

Blanking cover with labelling panel, 1/2 module

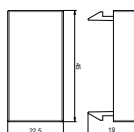
PC



Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
ADP-BF RW0.5	Pure white	1	0.400	6117410
ADP-BF SWGR0.5	Black-grey	1	0.400	6117411
ADP-BF AL0.5	Aluminium-painted	1	0.400	6117412

Blanking cover with labelling panel, suited for labelling devices in Rapid 45 device installation trunking systems and ISS service poles with a 45 mm system opening.

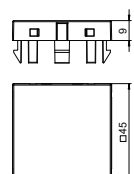
Blanking cover, 1/2 module



Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
ADP-B RW0.5	Pure white	10	0.400	6117414
ADP-B SWGR0.5	Black-grey	10	0.400	6117415
ADP-B AL0.5	Aluminium-painted	1	0.400	6117416

Blanking cover for closing off empty spaces for a half device (1/2 module).

Blanking cover, 1 module



Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
ADP-B RW1	Pure white	10	0.800	6117406
ADP-B SWGR1	Black-grey	10	0.800	6117407
ADP-B AL1	Aluminium-painted	1	0.800	6117408

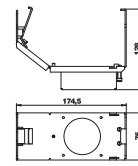
Blanking cover for closing off empty spaces for a device (one module).

St FS

Device support for CEE installation, system length 165 mm, without CEE

Type	Pack Piece	Weight kg/100 pc.	Item no.
GT2CEE	1	51.000	7407665

Device support of nominal size 2 for the installation of a CEE plug connection 16 A or 32 A for installation in service outlets and cassettes of nominal size 2, 4, 6 and R7. Device support with protective housing and strain relief. Required minimum installation depth: 190 mm when using a straight connector and 160 mm when an angled connector is used.

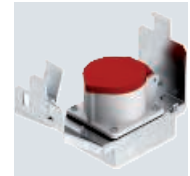
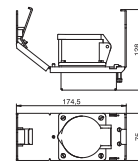


St FS

Device support for CEE installation, system length 165 mm, with CEE

Type	Pack Piece	Weight kg/100 pc.	Item no.
GT2 CEE16	1	69.000	7407663

Device support of nominal size 2 with a CEE plug connection 16 A for installation in service outlets and cassettes of nominal size 2, 4, 6 and R7. Device support with protective housing and strain relief. Required minimum installation depth: 190 mm when using a straight connector and 160 mm when an angled connector is used.

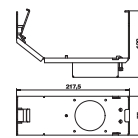


St FS

Device support for CEE installation, system length 208 mm, without CEE

Type	Pack Piece	Weight kg/100 pc.	Item no.
GT3 CEE	1	57.000	7407669

Device support of nominal size 3 for the installation of a CEE plug connection 16 A or 32 A for installation in service outlets and cassettes of nominal size R7, 9 and R9. Device support with protective housing and strain relief. Required minimum installation depth: 190 mm when using a straight connector and 160 mm when an angled connector is used.

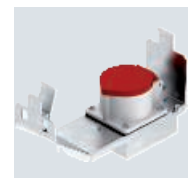
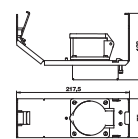


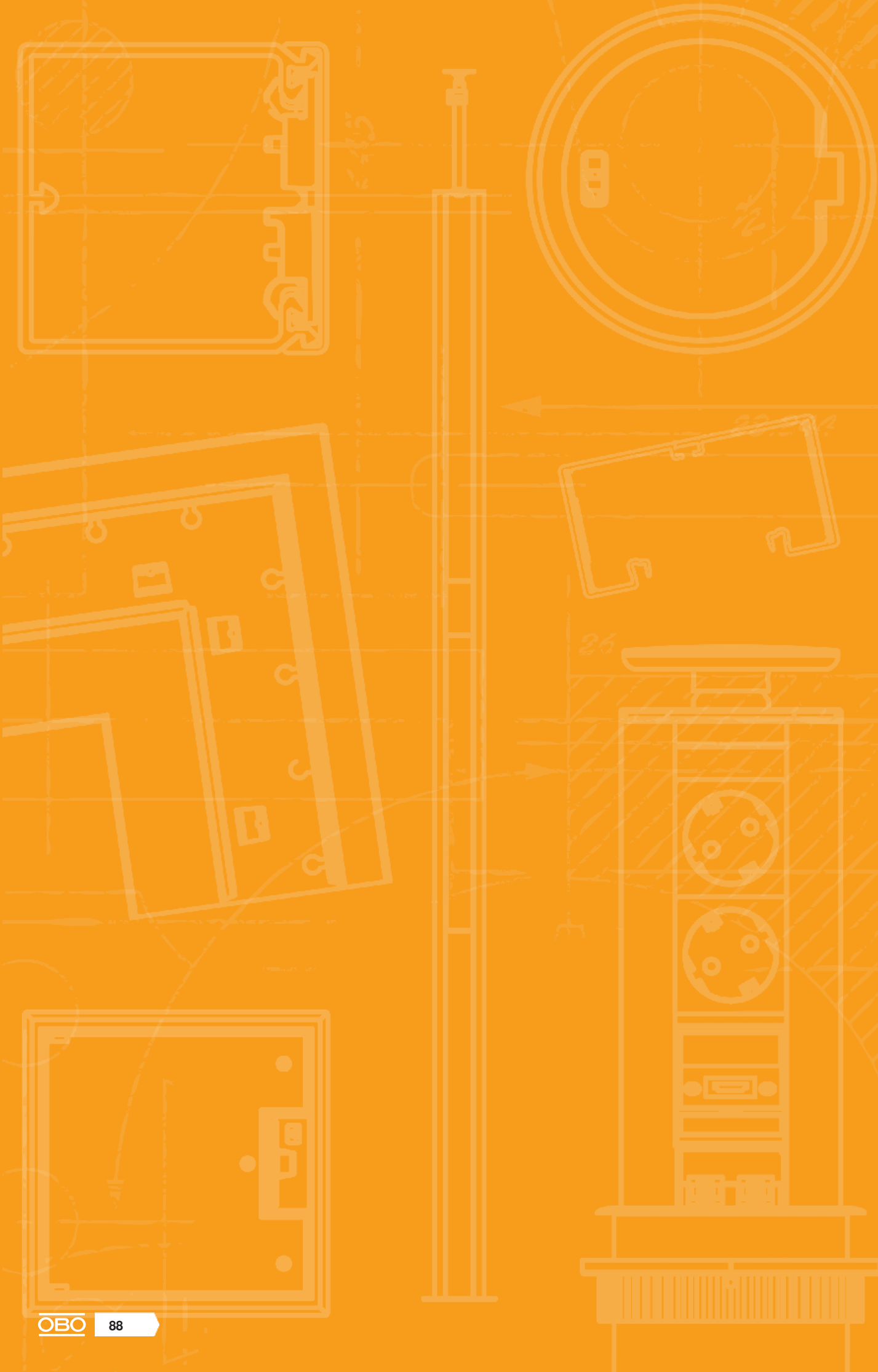
St FS

Device support for CEE installation, system length 208 mm, with CEE

Type	Pack Piece	Weight kg/100 pc.	Item no.
GT3 CEE16	1	75.000	7407667

Device support of nominal size 3 with a CEE plug connection 16 A for installation in service outlets and cassettes of nominal sizes R7, 9 and R9. Device support with protective housing and strain relief. Required minimum installation depth: 190 mm when using a straight connector and 160 mm when an angled connector is used.





Pre-terminated socket units

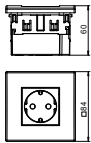
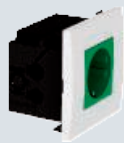
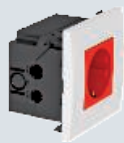


Socket units

90



AR45 socket unit, single

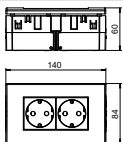
	  			
	Type	SDE-RW D0RW1	SDE-RW D0GN1	SDE-RW D0RT1
	Colour	Pure white	Mint green	Signal red
	Pack Piece	1	1	1
	Weight kg/100 pc.	10.700	10.700	10.700
Item no.	6119401	6119402	6119403	
 Polycarbonate				

Pre-terminated socket unit without labelling panel, suitable for installation in Rapid 80 device installation trunking systems.

Socket unit, consisting of:

- Accessory mounting box, single, type 71GD8-2
- Protective contact socket, single, 0° connection direction, colour: see table
- Cover frame AR45, single, without labelling panel, colour: pure white

AR45 socket unit, double

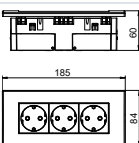
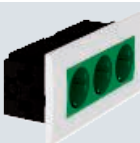
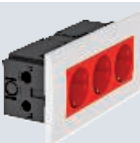
				
	Type	SDE-RW D0RW2	SDE-RW D0GN2	SDE-RW D0RT2
	Colour	Pure white	Mint green	Signal red
	Pack Piece	1	1	1
	Weight kg/100 pc.	19.000	19.000	19.000
Item no.	6119407	6119408	6119409	
PC Polycarbonate				

Pre-terminated socket unit without labelling panel, suitable for installation in Rapid 80 device installation trunking systems.

Socket unit, consisting of:

- Service outlet, double, type 71GD13
- Protective contact socket, double, 0° connection direction, colour: see table
- Cover frame AR45, double, without labelling panel, colour: pure white

AR45 socket unit, triple

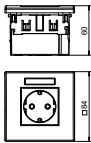
			
Type	SDE-RW D0RW3	SDE-RW D0GN3	SDE-RW D0RT3
Colour	Pure white	Mint green	Signal red
Pack Piece	1	1	1
Weight kg/100 pc.	23.300	23.300	23.300
Item no.	6119414	6119415	6119413
PC Polycarbonate			

Pre-terminated socket unit without labelling panel, suitable for installation in Rapid 80 device installation trunking systems.

Socket unit, consisting of:

- Service outlet, triple, type 71GD9-2
- Protective contact socket, triple, 0° connection direction, colour: see table
- Cover frame AR45, triple, without labelling panel, colour: pure white

AR45 socket unit, single, with labelling panel for horizontal device installation

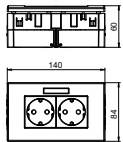
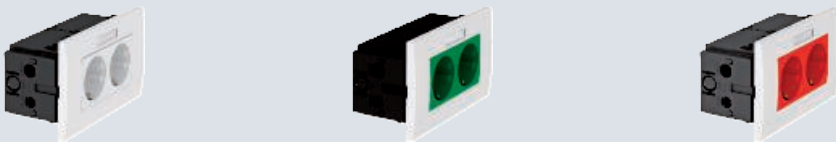
				
	Type	SDE-RW D0RW1B	SDE-RW D0GN1B	SDE-RW D0RT1B
	Colour	Pure white	Mint green	Signal red
	Pack Piece	1	1	1
	Weight kg/100 pc.	10.700	10.700	10.700
	Item no.	6119421	6119422	6119423
 Polycarbonate				

Pre-terminated socket unit with labelling panel, suitable for installation in Rapid 80 device installation trunking systems.

Socket unit, consisting of:

- Accessory mounting box, single, type 71GD8-2
- Protective contact socket, single, 0° connection direction, colour: see table
- Cover frame AR45, single, with labelling panel, type AR45-BF..., colour: pure white

AR45 socket unit, double, with labelling panel for horizontal device installation

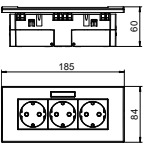
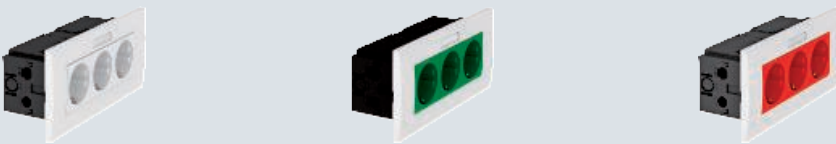
				
	Type	SDE-RW D0RW2B	SDE-RW D0GN2B	SDE-RW D0RT2B
	Colour	Pure white	Mint green	Signal red
	Pack Piece	1	1	1
	Weight kg/100 pc.	19.000	19.000	19.000
	Item no.	6119427	6119428	6119429
 Polycarbonate				

Pre-terminated socket unit with labelling panel, suitable for installation in Rapid 80 device installation trunking systems.

Socket unit, consisting of:

- Accessory mounting box, double, type 71GD13
- Protective contact socket, double, 0° connection direction, colour: see table
- Cover frame AR45, double, with labelling panel, type AR45-BF..., colour: pure white

AR45 socket unit, triple, with labelling panel for horizontal device installation

				
	Type	SDE-RW D0RW3B	SDE-RW D0GN3B	SDE-RW D0RT3B
	Colour	Pure white	Mint green	Signal red
	Pack Piece	1	1	1
	Weight kg/100 pc.	23.300	23.300	23.300
	Item no.	6119433	6119434	6119435
 Polycarbonate				

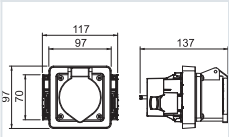
Pre-terminated socket unit with labelling panel, suitable for installation in Rapid 80 device installation trunking systems.

Socket unit, consisting of:

- Accessory mounting box, triple, type 71GD9-2
- Protective contact socket, triple, 0° connection direction, colour: see table
- Cover frame AR45, triple, with labelling panel, type AR45-BF..., colour: pure white

Pre-terminated socket units

CEE socket unit, single, 16 A

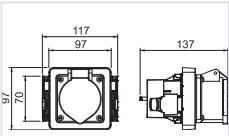


Type	71GDCEE16
Colour	Graphite black
Pack Piece	1
Weight kg/100 pc.	31.100
Item no.	6119483
	PA Polyamide

Accessory mounting box for the installation of a 3 or 5-pole CEE socket, 16 A or 32 A.
Scope of delivery:

- 1 front-locking accessory mounting box for 4-point fastening track of 52 x 52 mm to 70 x 70 mm
- 1 cover frame in pure white for hiding the fastening technology
- 2 external strain reliefs for jacketed cables of up to Ø 18 mm
- 2 sash locks for optional fastening to trunking bases with C rail
- 1 CEE socket 16 A with mounting accessories

CEE socket unit, single, 32 A



Type	71GDCEE32
Colour	Graphite black
Pack Piece	1
Weight kg/100 pc.	37.200
Item no.	6119485
	PA Polyamide

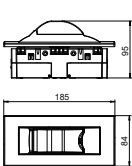
Accessory mounting box for the installation of a 3 or 5-pole CEE socket, 16 A or 32 A.
Scope of delivery:

- 1 front-locking accessory mounting box for 4-point fastening track of 52 x 52 mm to 70 x 70 mm
- 1 cover frame in pure white for hiding the fastening technology
- 2 external strain reliefs for jacketed cables of up to Ø 18 mm
- 2 sash locks for optional fastening to trunking bases with C rail
- 1 CEE socket 32 A with mounting accessories

Pre-terminated installation unit for decentralised protection

IKR6 installation unit, for 2 part units

PC



Colour		Pack Piece	Weight kg/100 pc.	Item no.	
Type	IKR-6 RW	Pure white	1	19.000	6119319

Installation unit to accept protective units such as miniature circuit breakers or FI protection switches up to max. 2 PUs, suitable for installation in Rapid 80 device installation trunking systems and ISS service poles.

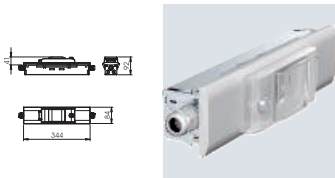
Installation unit, consisting of:

- Accessory mounting box, triple, type 71GD9-2
- Cover, incl. PVC support clamp for 2 PUs, colour: see table
- Cover frame AR45, triple, without labelling panel, colour: pure white

IKR4 installation unit, for 3 part units

Colour		Pack	Weight	Item no.
Type		Piece	kg/100 pc.	
IKR4RW	Pure white	1	85.400	6288365

Installation unit for the installation of automatic circuit breakers or FI protection switches in device installation trunking. With 1 hat rail of 3 part units. Series terminals for N and PE on hat rails, completely wired with 6 mm². The flush-mount unit is pre-wired and ready for connection. The cable cross-section is 6 mm². Two type V-Tec M20 cable glands for cable entry are included in the delivery.

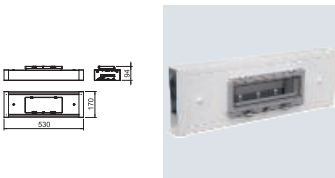


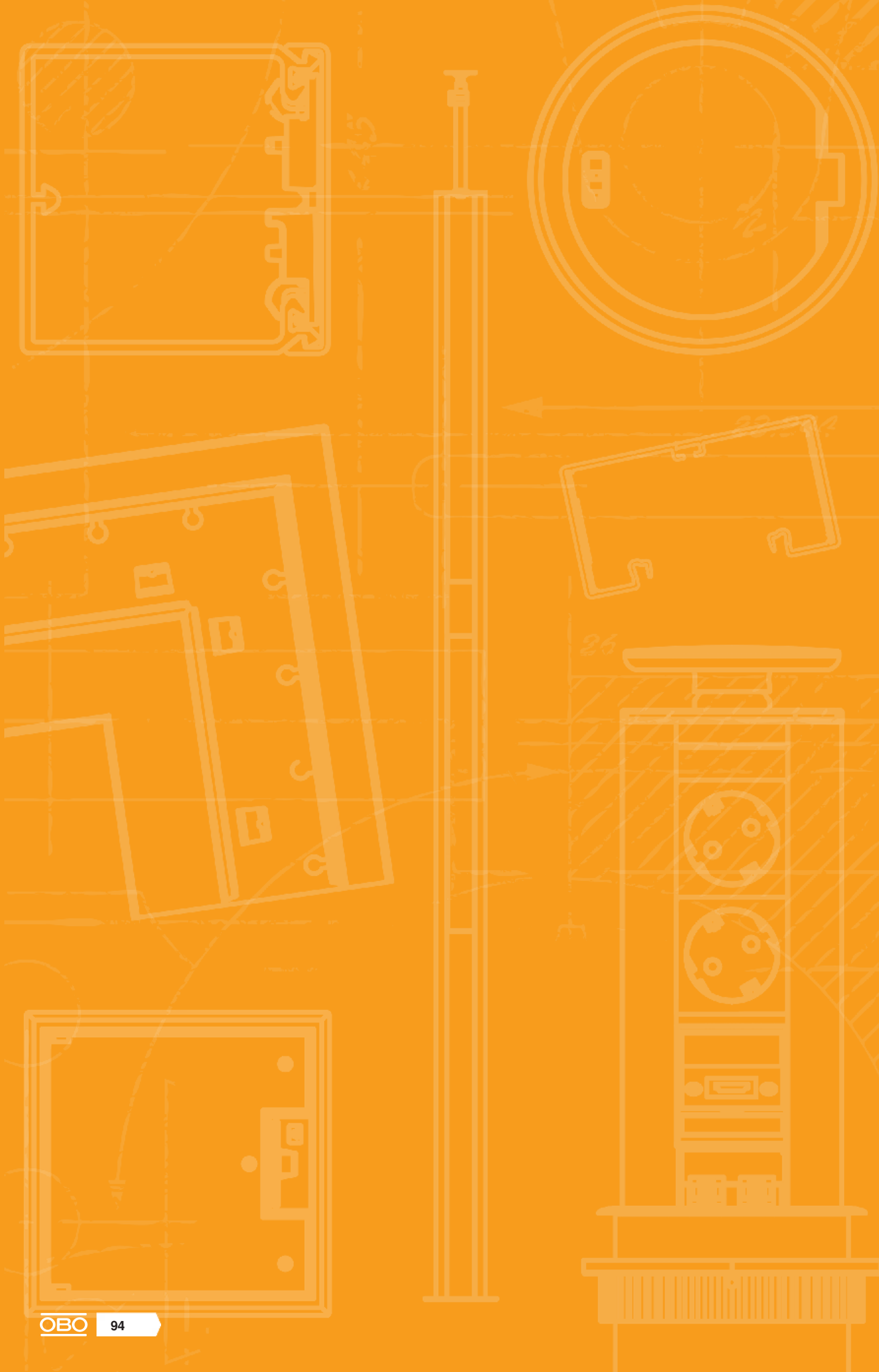
St P

Installation unit for series-mounted devices, 70 x 170 mm

Colour		Pack	Weight	Item no.
Type		Piece	kg/100 pc.	
IKR12RW70170	Pure white	1	450.000	6288328
IKR12RW90170	Pure white	1	470.000	6288330
IKR12RW70210	Pure white	1	480.000	6288334
IKR12RW90210	Pure white	1	500.000	6288336

Installation unit made of sheet steel for installation in the trunking section of device installation trunking of the corresponding system size. Acceptance of series-mounted devices with a total width of 12 PUs on hat rails. Incl. N and PE rails with screwless terminals. The foldable transparent hood can be locked.





Connect – connectable technology

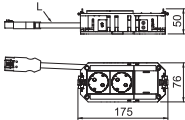
	Connect WAGO WINSTA®	96
	Connect Wieland GST18®	104
	Consolidation Point	114
	Sockets, Modul 45connect®	118



Ready-for-connection universal support with WINSTA MIDI

UTC3 W with 2 protective contact sockets

PA



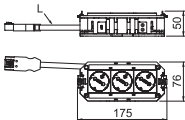
Type	Circuit	Plug-in system	Version for	Pack Piece	Weight kg/100 pc.	Item no.
UTC3 W W2	1	WINSTA® MIDI	Double pure white	1	26.900	7404610

The ready-for-connection UTC3 universal support has 2 pre-installed 33° protective contact sockets in white of 16 A and one blanking cover for reinstallation of an installation device of the Modul 45 or Modul 45connect series. Suitable for VL connection cables and device installation units of nominal size 2, 4, R4 and R7.

PVC connection cable with connector, 3-pin, type WINSTA® MIDI.

UTC3 W with 3 protective contact sockets

PA



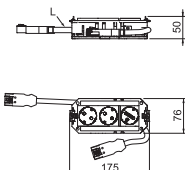
Type	Circuit	Plug-in system	Version for	Pack Piece	Weight kg/100 pc.	Item no.
UTC3 W W3	1	WINSTA® MIDI	Triple pure white	1	29.900	7404611

The ready-for-connection UTC3 universal support possesses 3 pre-installed 33° protective contact sockets in white of 16 A. Suitable for VL connection cables and device installation units of nominal size 2, 4, R4 and R7.

PVC connection cable with connector, 3-pin, type WINSTA® MIDI.

UTC3 W with 2+1 protective contact sockets

PA



Type	Circuit	Plug-in system	Version for	Pack Piece	Weight kg/100 pc.	Item no.
UTC3 W W2OR1	2	WINSTA® MIDI	Double pure white/ single pure orange	1	39.800	7404609

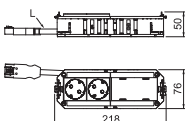
The ready-for-connection UTC3 universal support possesses 2 pre-installed 33° protective contact sockets in white of 16 A and one pre-installed 33° protective contact socket in orange of 16 A. Suitable for VL connection cables and device installation units of nominal size 2, 4, R4 and R7.

PVC connection cable with connector, 3-pin, type WINSTA® MIDI.

Ready-for-connection universal support with WINSTA MIDI

UTC4 W with 2 protective contact sockets

PA



Type	Circuit	Plug-in system	Version for	Pack Piece	Weight kg/100 pc.	Item no.
UTC4 W W2	1	WINSTA® MIDI	Double pure white	1	30.700	7404615
UTC4 W OR2	1	WINSTA® MIDI	Double pure orange	1	30.700	7404613

The ready-for-connection UTC4 universal support has 2 pre-installed 33° protective contact sockets in white and 2 blanking covers for reinstallation of 2 installation devices of the Modul 45 series. Suitable for VL connection cables and device installation units of nominal size R7, R9 and 9.

PVC connection cable with connector, 3-pin, type WINSTA® MIDI.

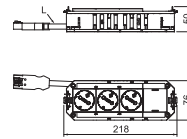
PA

UTC4 W with 3 protective contact sockets

Type	Circuit	Plug-in system	Version for	Pack Piece	Weight kg/100 pc.	Item no.
UTC4 W W3	1	WINSTA® MIDI	Triple pure white	1		7404618

The ready-for-connection UTC4 universal support has 3 pre-installed 33° protective contact sockets in white and one blanking cover for retroinstallation of an installation device of the Modul 45 series.

PVC connection cable with connector, 3-pin, type WINSTA® MIDI.



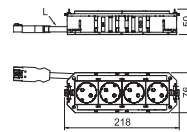
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UTC4 W with 4 protective contact sockets

Type	Circuit	Plug-in system	Version for	Pack Piece	Weight kg/100 pc.	Item no.
UTC4 W W4	1	WINSTA® MIDI	4x pure white	1	37.400	7404619
UTC4 W OR4	1	WINSTA® MIDI	4x pure orange	1	37.800	7404614

The ready-for-connection UTC4 universal support possesses 4 pre-installed 33° protective contact sockets in white, 250 V~, 16 A. Suitable for the VL connection cables and device installation units of nominal size R7, R9 and 9.

PVC connection cable with connector, 3-pin, type WINSTA® MIDI.



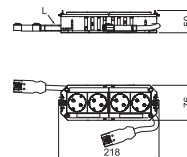
PA

UTC4 W with 2+2 protective contact sockets

Type	Circuit	Plug-in system	Version for	Pack Piece	Weight kg/100 pc.	Item no.
UTC4 W W2OR2	2	WINSTA® MIDI	Double pure white/ double pure orange	1	46.100	7404616

The ready-for-connection UTC4 universal support possesses 2 pre-installed 33° protective contact sockets in white and 2 pre-installed 33° protective contact sockets in orange, 250 V~, 16 A. Suitable for VL connection cables and device installation units of nominal size R7, R9 and 9.

PVC connection cable with connector, 3-pin, type WINSTA® MIDI.



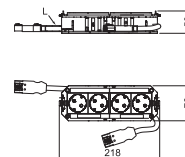
PA

UTC4 W with 2+2 protective contact sockets, 2 sockets with surge protection

Type	Circuit	Plug-in system	Version for	Pack Piece	Weight kg/100 pc.	Item no.
UTC4 W W2OR2 Ü	2	WINSTA® MIDI	Double pure white/ double pure orange	1	47.800	7404617

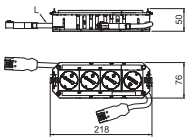
The ready-for-connection UTC4 universal support possesses 2 pre-installed 33° protective contact sockets in white and 2 pre-installed 33° protective contact sockets in orange (with surge protection module, type 3, according to DIN EN 61643-11), 250 V~, 16 A. Suitable for VL connection cables and device installation units of nominal size R7, R9 and 9.

PVC connection cable with connector, 3-pin, type WINSTA® MIDI.



UTC4 W with 3+1 protective contact sockets

PA



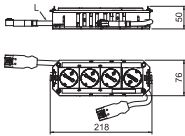
Type	Circuit	Plug-in system	Version for	Pack Piece	Weight kg/100 pc.	Item no.
UTC4 W W3OR1	2	WINSTA® MIDI	Triple pure white/ single pure orange	1	46.500	7404621

The ready-for-connection UTC4 universal support has 3 pre-installed 33° protective contact sockets in white and one pre-installed 33° protective contact socket in orange, 250 V~, 16 A. With halogen-free connection cable. Suitable for VL connection cables and device installation units of nominal size R7, R9 and 9.

PVC connection cable with connector, 3-pin, type WINSTA® MIDI.

UTC4 W with 3+1 protective contact sockets, 1 socket with surge protection

PA



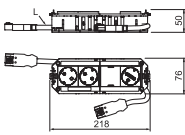
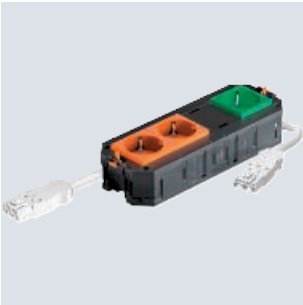
Type	Circuit	Plug-in system	Version for	Pack Piece	Weight kg/100 pc.	Item no.
UTC4 W W3OR1 Ü	1	WINSTA® MIDI	Triple pure white/ single pure orange	1	48.200	7404622

The ready-for-connection UTC4 universal support possesses 3 pre-installed 33° protective contact sockets in white and 1 pre-installed 33° protective contact socket in orange (with surge protection module, type 3, according to DIN EN 61643-11), 250 V~, 16 A. Suitable for VL connection cables and device installation units of nominal size R7, R9 and 9.

PVC connection cable with connector, 3-pin, type WINSTA® MIDI.

UTC4 W with 2+1 protective contact sockets

PA



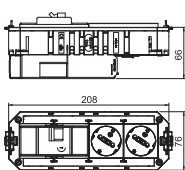
Type	Circuit	Plug-in system	Version for	Pack Piece	Weight kg/100 pc.	Item no.
UTC4 W OR2GN1	2	WINSTA® MIDI	Double pure orange/ single mint green	1	43.800	7404623

The ready-for-connection UTC4 universal support has 2 pre-installed 33° protective contact sockets in orange and one pre-installed 33° protective contact socket in mint green and one blanking cover for reinstallation of an installation device of the Modul 45 or Modul 45connect series, 250 V~, 16 A.

PVC connection cable with connector, 3-pin, type WINSTA® MIDI. Suitable for VL connection cables and device installation units of nominal size R7, R9 and 9.

UTC4 FI W with 2 protective contact sockets and FI/LS

PA



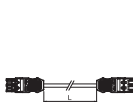
Type	Circuit	Plug-in system	Version for	Pack Piece	Weight kg/100 pc.	Item no.
UTC4 FI W WS2	1	WINSTA® MIDI	FI/LS/ double pure white	1	76.100	7404696
UTC4 FI W OR2	1	WINSTA® MIDI	FI/LS/ double pure orange	1	76.100	7404698

Ready-for-connection universal support Connect UTC4 with WAGO plug connector system WINSTA® MIDI. Suitable for the VL-WIN connection cables and for use in device installation units of nominal sizes R7, 9 and R9.

PA

3-wire connection cable, halogen-free, cross-section 2.5 mm², white

Type	Cable length mm	Colour	Pack Piece	Weight kg/100 pc.	Item no.
VL-WIN 3P2.5H1W	1000	White	1	16.500	6108732
VL-WIN 3P2.5H3W	3000	White	1	46.200	6108736
VL-WIN 3P2.5H5W	5000	White	1	78.370	6108740
VL-WIN 3P2.5H8W	8000	White	1	120.260	6108744



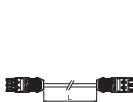
Connection cable 3 x 2.5 mm² in the version socket-connector, type WINSTA® MIDI.

Hose pipe: H05Z1Z1-F 3 x 2.5 mm²

PA

3-wire connection cable, halogen-free, cross-section 2.5 mm², black

Type	Cable length mm	Colour	Pack Piece	Weight kg/100 pc.	Item no.
VL-WIN 3P2.5H1SW	1000	Black	1	16.500	6108730
VL-WIN 3P2.5H3SW	3000	Black	1	46.200	6108734
VL-WIN 3P2.5H5SW	5000	Black	1	78.000	6108738
VL-WIN 3P2.5H8SW	8000	Black	1	120.280	6108742



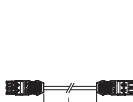
Connection cable 3 x 2.5 mm² in the version socket-connector, type WINSTA® MIDI.

Hose pipe: H05Z1Z1-F 3 x 2.5 mm²

PA

3-wire connection cable, PVC, cross-section 2.5 mm², white

Type	Cable length mm	Colour	Pack Piece	Weight kg/100 pc.	Item no.
VL-WIN 3P2.5 1W	1000	White	1	17.820	6108712
VL-WIN 3P2.5 3W	3000	White	1	49.880	6108716
VL-WIN 3P2.5 5W	5000	White	1	82.000	6108720
VL-WIN 3P2.5 8W	8000	White	1	127.570	6108724



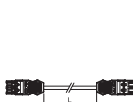
Connection cable 3 x 2.5 mm² in the version socket-connector, type WINSTA® MIDI.

PVC hose pipe: H05VV-F 3 x 2.5 mm²

PA

3-wire connection cable, PVC, cross-section 2.5 mm², black

Type	Cable length mm	Colour	Pack Piece	Weight kg/100 pc.	Item no.
VL-WIN 3P2.5 1SW	1000	Black	1	17.820	6108710
VL-WIN 3P2.5 3SW	3000	Black	1	46.800	6108714
VL-WIN 3P2.5 5SW	5000	Black	1	82.000	6108718
VL-WIN 3P2.5 8SW	8000	Black	1	130.170	6108722



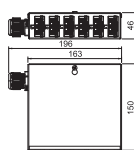
Connection cable 3 x 2.5 mm² in the version socket-connector, type WINSTA® MIDI.

PVC hose pipe: H05VV-F 3 x 2.5 mm²

Energy distributor with WINSTA MIDI connector system, fixed connection

UVS-WIN energy distributor with fixed connection, normal circuit

St



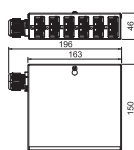
Type	Number of input circuits	No. of outlets	Pack Piece	Weight kg/100 pc.	Item no.
UVS-WIN F6S	1	6	1	76.300	6107980

Energy distributor for heavy current technology with fixed connection, equipped and pre-wired.

Input: 1x three-phase circuit via a screwless terminal block, 5-pin, for cable cross-sections of 0.5–4 mm².
Output: 6 self-locking plug connectors, 3-pin, in black, 25 A, type WINSTA (socket part: 2x L1, 2x L2, 2x L3).
Internal wiring: H07V-U2.5.

UVS-WIN energy distributor with fixed connection, special circuit

St



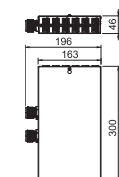
Type	Number of input circuits	No. of outlets	Pack Piece	Weight kg/100 pc.	Item no.
UVS-WIN F6W	1	6	1	76.300	6107982

Energy distributor for heavy current technology with fixed connection, equipped and pre-wired.

Input: 1x three-phase circuit via a screwless terminal block, 5-pin, for cable cross-sections of 0.5–4 mm².
Output: 6 self-locking plug connectors, 3-pin, in white, 25 A, type WINSTA (socket part: 2x L1, 2x L2, 2x L3).
Internal wiring: H07V-U2.5.

UVS-WIN energy distributor with fixed connection, normal and special circuit

St



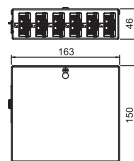
Type	Number of input circuits	No. of outlets	Pack Piece	Weight kg/100 pc.	Item no.
UVS-WIN F6S6W	2	12	1	143.000	6107984

Input: 2x three-phase circuit via a screwless terminal block, 5-pin, for cable cross-sections of 0.5–4 mm².
Output: 12 self-locking plug connectors, 3-pin, in white (6x) and black (6x), 25 A, type WINSTA® MIDI (socket part: 2x L1, 2x L2, 2x L3 for each rotary current circuit).
Internal wiring: PVC non-sheathed cable H07V-U2.5.

Energy distributor with WINSTA MIDI connector system, plug connection

UVS energy distributor with plug connection, normal circuit

St

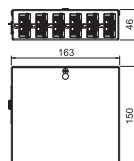


Type	Number of input circuits	No. of outlets	Pack Piece	Weight kg/100 pc.	Item no.
UVS-WIN 6S	1	6	1	73.766	6107986

Input: 1x three-phase circuit using a self-locking plug connector, 5-pin, type WINSTA® MIDI (connector part).
Output: 6 self-locking plug connectors, 3-pin, in black, 25 A, type WINSTA® MIDI (socket part: 2x L1, 2x L2, 2x L3).
Internal wiring: PVC non-sheathed cable H07V-U2.5.

UVS energy distributor with plug connection, special circuit

St



Type	Number of input circuits	No. of outlets	Pack Piece	Weight kg/100 pc.	Item no.
UVS-WIN 6W	1	6	1	73.800	6107988

Input: 1x three-phase circuit using a self-locking plug connector, 5-pin, type WINSTA® MIDI (connector part).
Output: 6 self-locking plug connectors, 3-pin, in white, 25 A, type WINSTA® MIDI (socket part: 2x L1, 2x L2, 2x L3).
Internal wiring: PVC non-sheathed cable H07V-U2.5.

Energy distributor with WINSTA MIDI connector system, plug connection

St

UVS energy distributor with plug connection, normal and special circuit

Type	Number of input circuits	No. of outlets	Pack Piece	Weight kg/100 pc.	Item no.
UVS-WIN 6S6W	2	6	1	137.046	6107990

Input: 2x three-phase circuit using a self-locking plug connector, 5-pin, type WINSTA MIDI (connector part).
Output: 12 self-locking plug connectors, 3-pin, in white (6x) and black (3x), 25 A, type WINSTA MIDI (socket part: 2 x L1, 2 x L2, 2 x L3 for each rotary current circuit).
Internal wiring: PVC non-sheathed cable H07V-U2.5.



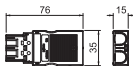
Installation accessories for WINSTA MIDI connector system

PA

Connector part 3-pin

Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
ST-WIN 3P SW	Black	1	2.000	6108954
ST-WIN 3P W	White	1	1.999	6108956

Connector 3-pin, type WINSTA® MIDI with clamp connection.

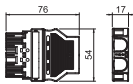


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Connector part, 5-pin

Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
ST-WIN 5P SW	Black	1	2.970	6108964
ST-WIN 5P W	White	1	2.948	6108966

Connector 5-pin, type WINSTA® MIDI with clamp connection.

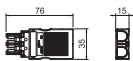


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Socket section 3-pin

Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
BT-WIN 3P SW	Black	1	2.000	6108950
BT-WIN 3P W	White	1	1.965	6108952

Socket section 3-pin, type WINSTA® MIDI with clamp connection.

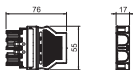


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Socket section 5-pin

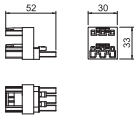
Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
BT-WIN 5P SW	Black	1	2.904	6108960
BT-WIN 5P W	White	1	2.885	6108962

Socket section 5-pin, type WINSTA® MIDI with clamp connection.



Distributor block, 3-pole, 1I/2O

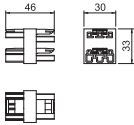
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Colour		Pack	Weight	Item no.
Type	Piece	kg/100	pc.	
VB2-WIN 3P	Black	1	2.283	6108970
2x distributor, 3-pin, type WINSTA® MIDI.				

Distributor block 3-pin, 1E/3A

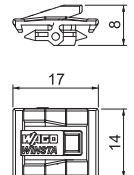
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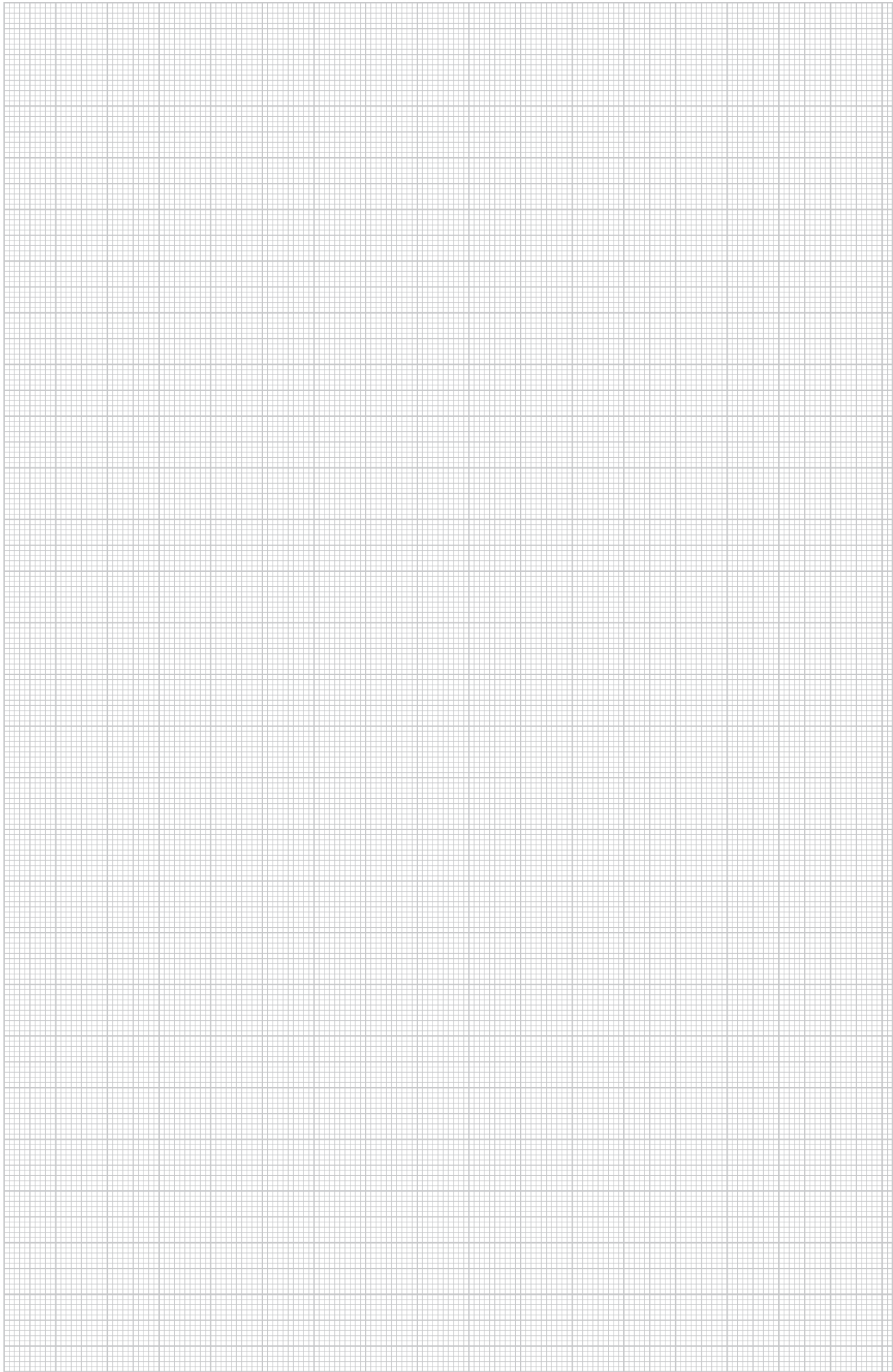
Colour		Pack	Weight	Item no.
Type	Piece	kg/100	pc.	
VB3-WIN 3P	Black	1	2.510	6108972
VB5-WIN 3P	White	1	3.700	6108974
3x distributor, 3-pin, type WINSTA® MIDI.				

Locking lever for WINSTA® MIDI.

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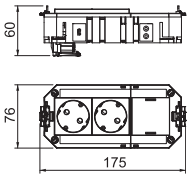


Colour		Pack	Weight	Item no.
Type	Piece	kg/100	pc.	
VK-WIN	Black	25	0.056	6108700
Locking lever for plug connector system WINSTA® MIDI.				





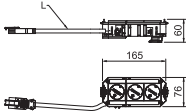
UTC3 with 2 protective contact sockets



Type	Plug-in			Pack Piece	Weight kg/100 pc.	Item no.
	Circuit	system	Version for			
UTC3 G W2	1	GST18	Double pure white	1	16.370	7404662

The ready-for-connection UTC3 universal support possesses two pre-installed 33° protective contact sockets and one blanking cover for retroinstallation of one installation device of the Modul 45 or Modul 45connect series. Suitable for VL connection cables and device installation units of nominal size 2, 4, R4, 6 and R7.

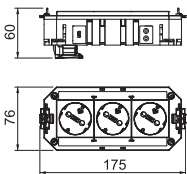
UTC3 with 2+1 protective contact sockets



Type	Plug-in			Pack Piece	Weight kg/100 pc.	Item no.
	Circuit	system	Version for			
UTC3 G W2OR1	2	GST18	Double pure white/ single pure orange	1	26.630	7404660

Ready-for-connection UTC3 universal support with halogen-free connection cable. It possesses two pre-installed 33° protective contact sockets in white and one pre-installed 33° protective contact socket in orange of 16 A. Suitable for VL connection cables and device installation units of nominal size 2, 4, R4, 6 and R7.

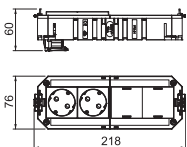
UTC3 with 3 protective contact sockets



Type	Plug-in			Pack Piece	Weight kg/100 pc.	Item no.
	Circuit	system	Version for			
UTC3 G W3	1	GST18	Triple pure white	1	19.780	7404664

The ready-for-connection UTC3 universal support possesses three pre-installed 33° protective contact sockets of 16 A. Suitable for VL connection cables and device installation units of nominal size 2, 4, R4, 6 and R7.

UTC4 with 2 protective contact sockets



Type	Plug-in			Pack Piece	Weight kg/100 pc.	Item no.
	Circuit	system	Version for			
UTC4 G W2	1	GST18	Double pure white	1	18.500	7404674
UTC4 G OR2	1	GST18	Double pure orange	1	18.460	7404670

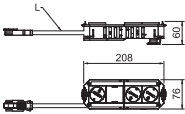
The ready-for-connection UTC4 universal support possesses two pre-installed 33° protective contact sockets of 16 A and two blanking covers for retroinstallation of two installation devices of the Modul 45 or Modul 45connect series. Suitable for VL connection cables and device installation units of nominal size R7, R9 and 9.



UTC4 with 2+1 protective contact sockets

Type	Circuit	Plug-in system	Version for	Pack Piece	Weight kg/100 pc.	Item no.
UTC4 G OR2GN1	2	GST18	Double pure orange/ single mint green	1	32.200	7404688

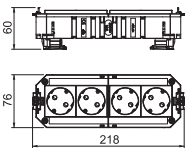
Ready-for-connection universal support UTC4 with halogen-free connection cable. It possesses two pre-installed 33° protective contact sockets in orange and one 33° protective contact socket in mint green with 16 A. A blanking cover allows retroinstallation of one installation device of the Modul 45 or Modul 45connect series. Suitable for VL connection cables and device installation units of nominal size R7, R9 and 9.



UTC4 with 2+2 protective contact sockets

Type	Circuit	Plug-in system	Version for	Pack Piece	Weight kg/100 pc.	Item no.
UTC4 G W2OR2	2	GST18	Double pure white/ double pure orange	1	27.290	7404676

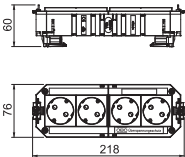
The ready-for-connection UTC4 universal support possesses two pre-installed 33° protective contact sockets in pure white and two 33° pre-installed protective contact sockets in pure orange of 16 A. Suitable for VL connection cables and device installation units of nominal size R7, R9 and 9.



UTC4 with 2+2 protective contact sockets, 2 sockets with surge protection

Type	Circuit	Plug-in system	Version for	Pack Piece	Weight kg/100 pc.	Item no.
UTC4 G W2OR2 Ü	2	GST18	Double pure white/ double pure orange	1	31.300	7404678

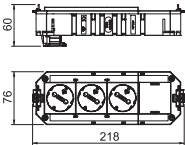
The ready-for-connection UTC4 universal support possesses two pre-installed 33° protective contact sockets in pure white and two pre-installed 33° protective contact sockets in pure orange of 16 A. Suitable for VL connection cables and device installation units of nominal size R7, R9 and 9. The protective contact sockets in pure orange are protected by a type 3 surge protection module according to DIN EN 61643-11.



UTC4 with 3 protective contact sockets

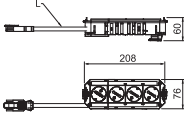
Type	Circuit	Plug-in system	Version for	Pack Piece	Weight kg/100 pc.	Item no.
UTC4 G W3	1	GST18	Triple pure white	1	21.960	7404680

The ready-for-connection UTC4 universal support possesses three pre-installed 33° protective contact sockets of 16 A and one blanking cover for retroinstallation of one installation device of the Modul 45 or Modul 45connect series. Suitable for VL connection cables and device installation units of nominal size R7, R9 and 9.





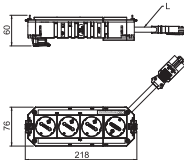
UTC4 with 3+1 protective contact sockets



Type	Circuit	Plug-in system	Version for	Pack Piece	Weight kg/100 pc.	Item no.
UTC4 G W3OR1	2	GST18	Triple pure white/ single pure orange	1	29.510	7404684

Ready-for-connection universal support UTC4 with halogen-free connection cable. It possesses three pre-installed 33° protective contact sockets in pure white and one pre-installed 33° protective contact socket in pure orange of 16 A. Suitable for VL connection cables and device installation units of nominal size R7, R9 and 9.

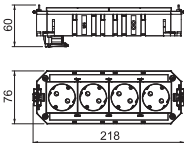
UTC4 with 3+1 protective contact sockets, 1 socket with surge protection



Type	Circuit	Plug-in system	Version for	Pack Piece	Weight kg/100 pc.	Item no.
UTC4 G W3OR1 Ü	2	GST18	Triple pure white/ single pure orange	1	33.530	7404686

Ready-for-connection universal support UTC4 with halogen-free connection cable. It possesses three pre-installed 33° protective contact sockets in white and one 33° protective contact socket in pure orange of 16 A. The protective contact socket in pure orange is protected by a type 3 surge protection module according to DIN EN 61643-11. Suitable for VL connection cables and device installation units of nominal size R7, R9 and 9.

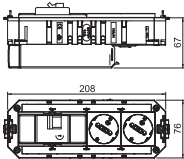
UTC4 with 4 protective contact sockets



Type	Circuit	Plug-in system	Version for	Pack Piece	Weight kg/100 pc.	Item no.
UTC4 G W4	1	GST18	4x pure white	1	26.830	7404682
UTC4 G OR4	1	GST18	4x pure orange	1	26.730	7404672

The ready-for-connection UTC4 universal support possesses four pre-installed 33° protective contact sockets of 16 A. Suitable for VL connection cables and device installation units of nominal size R7, R9 and 9.

UTC4 FI with 2 protective contact sockets and FI/LS



Type	Circuit	Plug-in system	Version for	Pack Piece	Weight kg/100 pc.	Item no.
UTC4 FI G WS2	1	GST18	FI/LS/ double pure white	1	76.100	7404692
UTC4 FI G OR2	1	GST18	FI/LS/ double pure orange	1	76.100	7404694

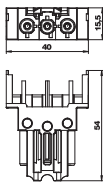
Ready-for-connection universal support Connect UTC4 for decentralised protection, equipped with FI/LS and sockets. With WIELAND plug connector system GST 18. Suitable for VL connection cables and for use in device installation units of nominal sizes R7, 9 and R9.

PA

Connection adapter, straight, socket part

Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
BTA-SKS S1 SW	Black	10	1.200	6117190
BTA-SKS S1 W	White	10	1.200	6117191

Connector part adapter, straight, for connection to an STD-D0C / STD-D3C or STD-F0C / STD-F3C socket from the side, for VL extension cable with Wieland connector GST 18i 3p.

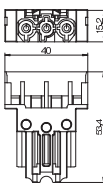


PA

Connection adapter, straight, connector part

Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
STA-SKS S1 SW	Black	10	1.200	6117192
STA-SKS S1 W	White	10	1.200	6117193

Connector part adapter, straight, for connection to an STD-D0C / STD-D3C or STD-F0C / STD-F3C socket from the side, for VL extension cable with Wieland connector GST 18i 3p.

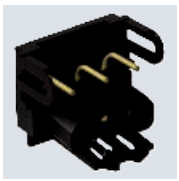
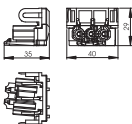


PA

Modul 45connect® connector part adapter

Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
STA-SKS SU1 SW	Black	10	1.190	6117196
STA-SKS SU1 W	White	10	1.190	6117197

Connector part adapter, U-shaped, for connection to an STD-D0C / STD-D3C or STD-F0C / STD-F3C socket from the side, for VL extension cable with Wieland connector GST 18i 3p.

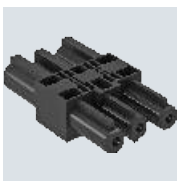
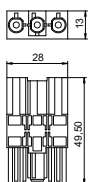


PA

Connection adapter, GST18i, straight

Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
VB-G GST18i3p	Black	10	1.760	6108045

Connection adapter GST18i for combining STD-D0C / STD-D3C or STD-F0C / STD-F3C sockets together with straight connection adapters, pluggable connection with integrated strain relief. Suitable for device connections in the device installation trunking systems Rapid 45 and Rapid 80 and in ISS service poles.

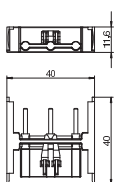


PA

Modul 45connect® connector

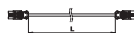
Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
VB-SKS S	Black	10	0.590	6117198

Connection adapter for combining STD-D0C / STD-D3C or STD-F0C / STD-F3C sockets.



Connection cables with Wieland GST18

3-wire connection cable, halogen-free, cross-section 2.5 mm², black



Type	Cable length mm	Cross-section mm ²	Number of poles	Colour	Pack Piece	Weight kg/100 pc.	Item no.
VL-3Q2.5 H1 SW	1000	2.5	3	Black	1	16.000	6108450
VL-3Q2.5 H3 SW	3000	2.5	3	Black	1	48.000	6108452
VL-3Q2.5 H5 SW	5000	2.5	3	Black	1	80.000	6108454
VL-3Q2.5 H8 SW	8000	2.5	3	Black	1	128.000	6108457
VL-3Q2.5 H10 SW	10000	2.5	3	Black	1	160.000	6108459

Halogen-free connection cables 3 x 2.5 mm² in the version socket – connector with GST18i connection system.

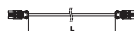
3-wire connection cable, PVC, cross-section 2.5 mm², black



Type	Cable length mm	Cross-section mm ²	Number of poles	Colour	Pack Piece	Weight kg/100 pc.	Item no.
VL-3Q2.5 1 SW	1000	2.5	3	Black	1	18.000	6108150
VL-3Q2.5 3 SW	3000	2.5	3	Black	1	54.000	6108152
VL-3Q2.5 5 SW	5000	2.5	3	Black	1	90.000	6108154
VL-3Q2.5 8 SW	8000	2.5	3	Black	1	144.000	6108157
VL-3Q2.5 10 SW	10000	2.5	3	Black	1	180.000	6108159

Connection cable 3 x 2.5 mm² in the version socket – connector with GST18i connection system.

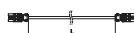
3-wire connection cable, halogen-free, cross-section 2.5 mm², white



Type	Cable length mm	Cross-section mm ²	Number of poles	Colour	Pack Piece	Weight kg/100 pc.	Item no.
VL-3Q2.5 H1 W	1000	2.5	3	White	1	16.000	6108475
VL-3Q2.5 H3 W	3000	2.5	3	White	1	48.000	6108477
VL-3Q2.5 H5 W	5000	2.5	3	White	1	80.000	6108479
VL-3Q2.5 H8 W	8000	2.5	3	White	1	128.000	6108482
VL-3Q2.5 H10 W	10000	2.5	3	White	1	160.000	6108484

Halogen-free connection cables 3 x 2.5 mm² in the version socket – connector with GST18i connection system.

3-wire connection cable, PVC, cross-section 2.5 mm², white



Type	Cable length mm	Cross-section mm ²	Number of poles	Colour	Pack Piece	Weight kg/100 pc.	Item no.
VL-3Q2.5 1 W	1000	2.5	3	White	1	18.000	6108175
VL-3Q2.5 3 W	3000	2.5	3	White	1	54.000	6108177
VL-3Q2.5 5 W	5000	2.5	3	White	1	90.000	6108179
VL-3Q2.5 8 W	8000	2.5	3	White	1	144.000	6108182
VL-3Q2.5 10 W	10000	2.5	3	White	1	180.000	6108184

Connection cable 3 x 2.5 mm² in the version socket – connector with GST18i connection system.

Energy distributor with GST18 connector system, fixed connection

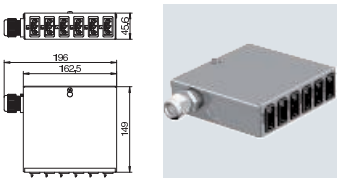
St

UVS energy distributor with fixed connection, normal circuit

Type	Pack Piece	Weight kg/100 pc.	Item no.
UVS-6S2	1	77.000	6108000

Energy distributor for heavy current technology with fixed connection, equipped and pre-wired.

Input: One 3-phase circuit via a screwless terminal block, 5-pin, for cable cross-sections of 0.5–4 mm².
Output: Six self-locking connectors, 3-pin, in black, 16 A, type GST18i (socket part: 2 x L1, 2 x L2, 2 x L3).
Internal wiring: PVC non-sheathed cable H07V-U2.5.



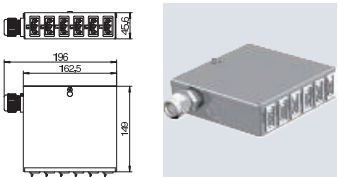
St

UVS energy distributor with fixed connection, special circuit

Type	Pack Piece	Weight kg/100 pc.	Item no.
UVS-6W2	1	77.000	6108005

Energy distributor for heavy current technology with fixed connection, equipped and pre-wired.

Input: One 3-phase circuit via a screwless terminal block, 5-pin, for cable cross-sections of 0.5–4 mm².
Output: Six self-locking connectors, 3-pin, in white, 16 A, type GST18i (socket part: 2 x L1, 2 x L2, 2 x L3).
Internal wiring: PVC non-sheathed cable H07V-U2.5.



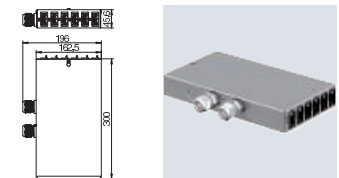
St

UVS energy distributor with fixed connection, normal and special circuit

Type	Pack Piece	Weight kg/100 pc.	Item no.
UVS-6S6W2	1	146.100	6108010

Energy distributor for heavy current technology with fixed connection, equipped and pre-wired.

Input: Two 3-phase circuits via a screwless terminal block, 5-pin, for cable cross-sections of 0.5–4 mm².
Output: Twelve self-locking connectors, 3-pin, in white (6x) and black (6x), 16 A, type GST18i (socket part: 2 x L1, 2 x L2, 2 x L3 for each rotary current circuit).
Internal wiring: PVC non-sheathed cable H07V-U2.5.



Energy distributor with GST18 connector system, plug connection

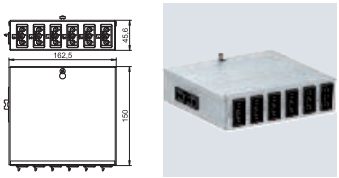
St

UVS energy distributor with plug connection, normal circuit

Type	Pack Piece	Weight kg/100 pc.	Item no.
UVS-6S2SA	1	79.000	6108012

Energy distributor for heavy current technology with plug connection, equipped and pre-wired.

Input: One 3-phase circuit using a self-locking connector, 5-pin, type GST18i (connector part).
Output: Six self-locking connectors, 3-pin, in black, 16 A, type GST18i (socket part: 2 x L1, 2 x L2, 2 x L3).
Internal wiring: PVC non-sheathed cable H07V-U2.5.



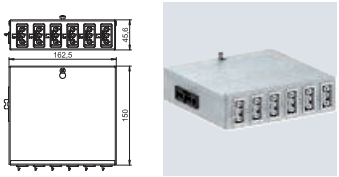
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UVS energy distributor with plug connection, special circuit

Type	Pack Piece	Weight kg/100 pc.	Item no.
UVS-6W2SA	1	79.000	6108014

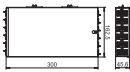
Energy distributor for heavy current technology with plug connection, equipped and pre-wired.

Input: One 3-phase circuit using a self-locking connector, 5-pin, type GST18i (connector part).
Output: Six self-locking connectors, 3-pin, in white, 16 A, type GST18i (socket part: 2 x L1, 2 x L2, 2 x L3).
Internal wiring: PVC non-sheathed cable H07V-U2.5.



UVS energy distributor with plug connection, normal and special circuit

St



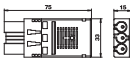
Type	Pack Piece	Weight kg/100 pc.	Item no.
UVS-6S6W2SA	1	140.000	6108016

Energy distributor for heavy current technology with plug connection, equipped and pre-wired.

Input: Two 3-phase circuits using self-locking connectors, 5-pin, type GST18i (connector part).
Output: Twelve self-locking connectors, 3-pin, in white (6x) and black (6x), 16 A, type GST18i (socket part: 2 x L1, 2 x L2, 2 x L3 for each rotary current circuit).
Internal wiring: PVC non-sheathed cable H07V-U2.5.

Installation accessories for Connect Wieland GST18 ®

Connector part 3-pin, spring power connection



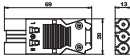
Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
ST-F GST18i3p SW	Black	1	2.600	6108050
ST-F GST18i3p W	White	1	2.620	6108051

Connector part, 3-pin, type GST18i with spring power connection for rigid cables of 1.5–2.5 mm², single-wire and ultrasonically welded, fine wire cables 1.5 mm² with end sleeves, unmounted with strain relief, can be terminated in situ, 250 V, 16 A.

Two connections per pole, for cables H05VV, NYM (Ø 7.8–10.33 mm), lockable, a lock should be provided for strain relief according to VDE 0628.

Stripping length: 45 mm
Stripped length: 9 mm

Connector part, 3-pin, screw connection



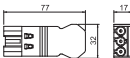
Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
ST-S GST18i3p SW	Black	1	2.030	6108054
ST-S GST18i3p W	White	1	2.030	6108055

Connector part, 3-pin, type GST18i with screw connection, low height (no slot loss in combination with distributor blocks), for cross-sections of 0.75–2.5 mm², single- and fine-wire cables connectable without end sleeve, for cable diameters between 6.5–10.5 mm (H05VV, NYM), unmounted with strain relief, terminable in situ, 250 V, 16 A.

Stripping length: 31 mm
Insulation removal length: 7 mm

Connector part, 3-pin, screw connection

PA



Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
ST-S4 GST18i3 SW	Black	1	1.600	6108060
ST-S4 GST18i3 W	White	1	1.600	6108062

Connector part, 3-pin, type GST18i with screw connection for cables of 1.5–4.0 mm² and cable diameters between 10.5–14.5 mm (H05VV, NYM), unmounted with strain relief, terminable in situ, 250 V, 16 A.

Connector part, 5-pin, screw connection

Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
ST-S GST18i5p SW	Black	1	4.330	6108070

Connector part, 5-pin, type GST18i, with screw connection for 1.5–2.5 mm² cables, single and fine-wire, with strain relief, one connection per pin, unmounted, for cables H05VV (Ø 9.5–13.5) NYM and (Ø 10.5–13.5 mm), lockable, according to the strain relief in VDE 0628 a lock should be planned, 250 V, 16 A.

Stripping length: 8 mm
Jacket removal length: 46 mm



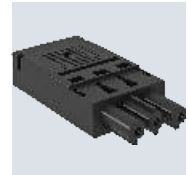
Socket section 3-pin, spring power connection

Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
BT-F GST18i3p SW	Black	1	2.620	6108052
BT-F GST18i3p W	White	1	2.690	6108053

Socket part, 3-pin, type GST8i with spring power connection for rigid cables of 1.5–2.5 mm², single-wire and ultrasonically welded, fine wire cables 1.5 mm² with end sleeves, unmounted with strain relief, can be terminated in situ, 250 V, 16 A.

Two connections per pole, for cables H05VV, NYM (Ø 7.8–10.33 mm), lockable, a lock should be provided for strain relief according to VDE 0628.

Stripping length: 45 mm
Stripped length: 9 mm



Socket section 3-pin, screw connection

Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
BT-S4 GST18I3 SW	Black	1	1.600	6108064
BT-S4 GST18I3 W	White	1	1.600	6108066

Socket section, 3-pin, type GST18i with screw connection for cables of 1.5–4.0 mm² and for cable diameters between 10.5–14.5 mm (H05VV, NYM), unmounted with strain relief, terminable in situ, 250 V, 16 A.



Socket section 3-pin, screw connection

Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
BT-S GST18i3p SW	Black	1	2.150	6108056
BT-S GST18i3p W	White	1	2.150	6108057

Socket part, 3-pin, type GST18i with screw connection, low height (no slot loss in combination with distributor blocks), for cross-sections of 0.75–2.5 mm², single- and fine-wire cables connectable without end sleeve, for cable diameters between 6.5–10.5 mm (H05VV, NYM), unmounted with strain relief, terminable in situ, 250 V, 16 A.

Stripping length: 31 mm
Insulation removal length: 7 mm



Socket section 5-pin, screw connection

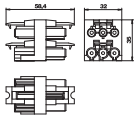
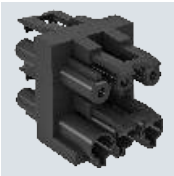
Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
BT-S GST18i5p SW	Black	1	4.550	6108072

Socket part, 5-pin, type GST18i, with screw connection for 1.5 to 2.5 mm² cables, single and fine-wire, with strain relief, one connection per pin, unmounted, for cables H05VV (Ø 9.5 – 13.5) NYM and (Ø 10.5 to 13.5 mm), lockable, according to the strain relief in VDE 0628 a lock should be planned, 250 V, 16 A.

Stripping length: 8 mm
Jacket removal length: 46 mm



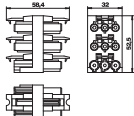
Distributor block 3-pin



Type		Colour	Pack Piece	Weight kg/100 pc.	Item no.
VB-3 GST18i3p		Black	1	3.590	6108080

Distributor block with lock, type GST18i, one input with plug section 3-pin and three outputs with socket section 3-pin.

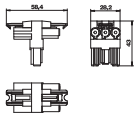
Distributor block 3-pin



Type		Colour	Pack Piece	Weight kg/100 pc.	Item no.
VB-5 GST18i3p		Black	1	5.590	6108082

Distributor block with lock, type GST18i, one input with plug section 3-pin and five outputs with socket section 3-pin.

Distributor block, 3-pin, T-shaped

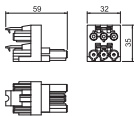


Type		Colour	Pack Piece	Weight kg/100 pc.	Item no.
VB-T GST18i3p		Black	1	2.540	6108084

T distributor with lock, type GST18i, one input with 3-pin connector part and two outputs with 3-pin socket part.

Distributor block, 3-pin

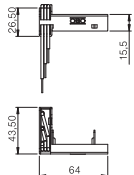
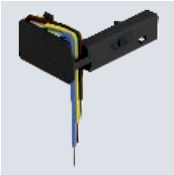
PA



Type		Colour	Pack Piece	Weight kg/100 pc.	Item no.
VB-2 GST18i3p		Black	1	3.300	6108086

Distributor block with lock, type GST18i, 1 input with 3-pin plug section and 2 outputs with 3-pin socket section.

Surge protection module with support for Modul 45connect



Type		Signalling on device	Pack Piece	Weight kg/100 pc.	Item no.
ÜSM-A-4T		Acoustic	1	2.226	6107801

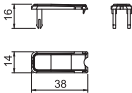
2-pin surge protection module, 16 A/250 V~, with acoustic default display, no network switch-off, for connection to a multiple socket of type Modul 45connect using the supplied support. For installation in universal supports UT3/45 and UT4/45. The surge protection module meets EN 61643-11, type 3, Class III, requirements Class D.

PA

Locking clip

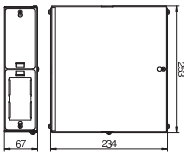
Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
VR-GST18	Black	10	0.100	6108074

Locking clip for GST18, plug connections, for locking connection cables.



CP empty housing

St

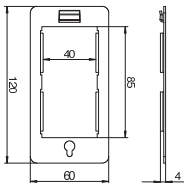


Type	Pack Piece	Weight kg/100 pc.	Item no.
CP45-LG 8A	1	190.000	6108037

Consolidation Point empty housing for the installation of 4 Modul 45® devices, consisting of housing base and cover, a cover hood to separate data technology and heavy current, 2 support plates for the installation of 2 Modul 45® accessories each, 2 blanking plates, 2 cable glands V-TEC VM25 LGR and a protective conductor connection bracket.

CP support plate, for Modul 45® devices, double

St

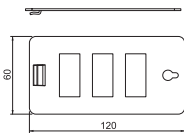


Type	Pack Piece	Weight kg/100 pc.	Item no.
CP45-TP M	1	4.200	6108039

Support plate to accommodate 2 Modul 45® devices in a Consolidation Point housing.

CP support plate for 3 snap-in plug connectors, 3-pole

St

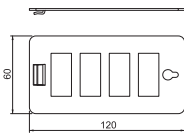


Type	Pack Piece	Weight kg/100 pc.	Item no.
CP45-TP 3SI	1	6.200	6108024

Support plate to accept three snap-In connectors, 3-pole, in a Consolidation Point housing.

CP support plate for 4 snap-in plug connectors, 3-pole

St



Type	Pack Piece	Weight kg/100 pc.	Item no.
CP45-TP 4SI	1	5.700	6108026

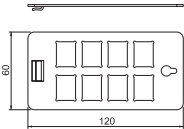
Support plate to accept four snap-In connectors, 3-pole, in a Consolidation Point housing.

St

CP support plate, for 8 data connection modules, type C

Type	Pack Piece	Weight kg/100 pc.	Item no.
CP45-TP 8C	1	5.400	6108028

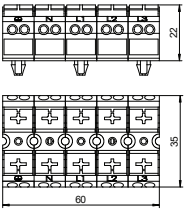
Support plate, type C, to accept eight data connection modules in a Consolidation Point housing. Type C has a mounting opening of 19.30 x 14.80 mm.

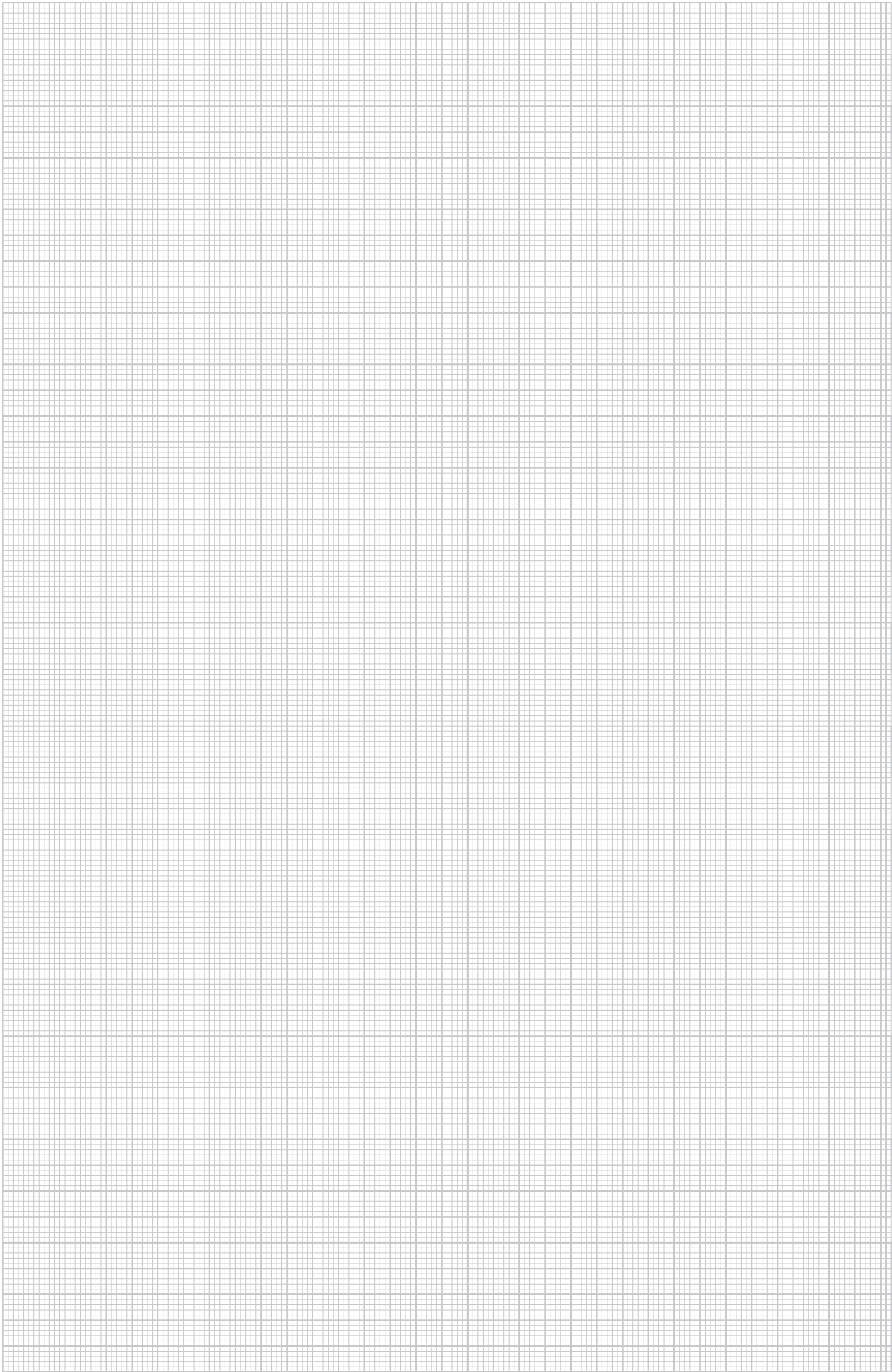


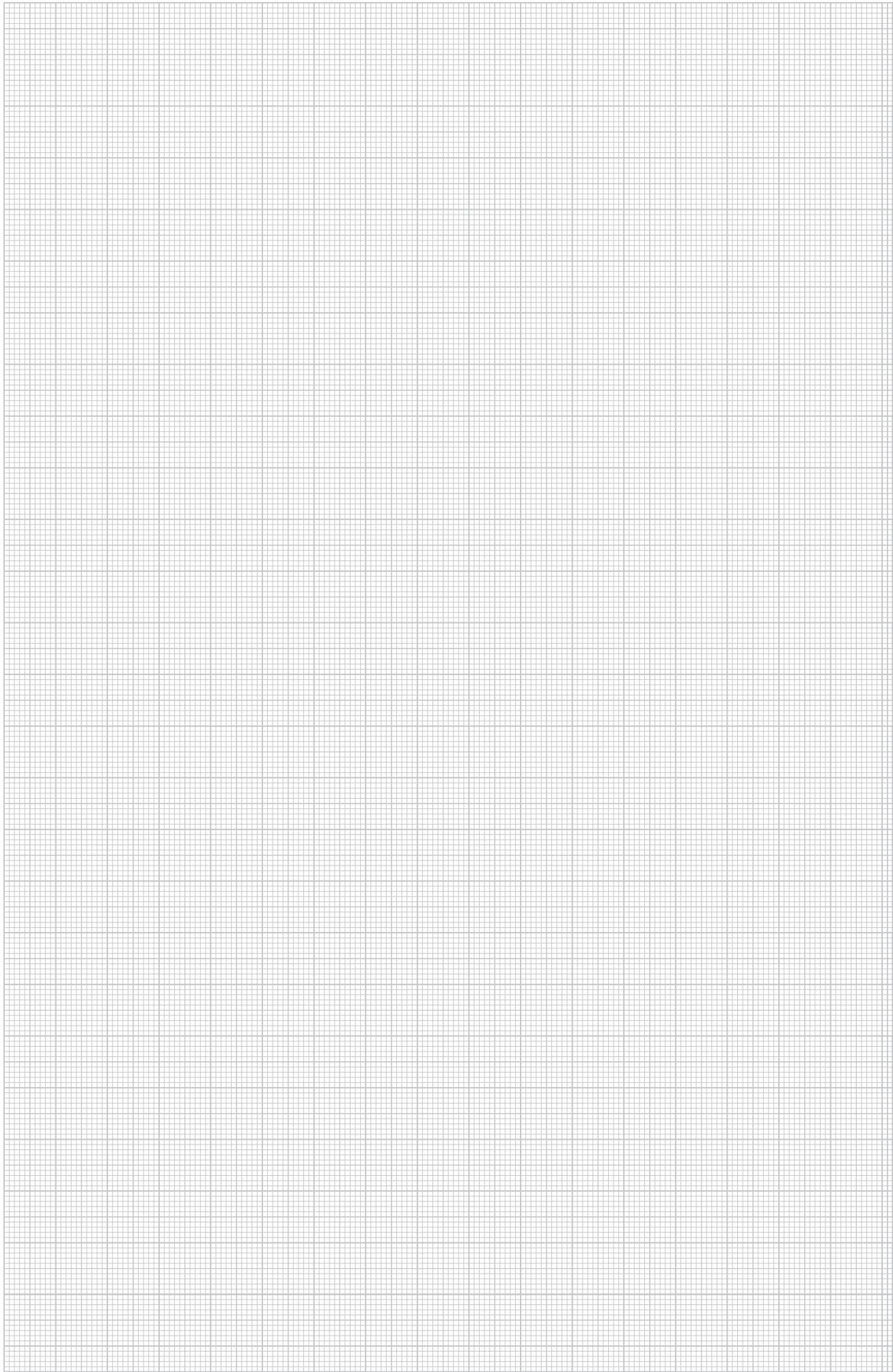
Terminal strip

Type	Pack Piece	Weight kg/100 pc.	Item no.
CP45-KL	1	2.000	6108043

Screwless terminal strip with locking foot, 5-pin for a cable cross-section of 0.5–4 mm².

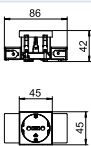






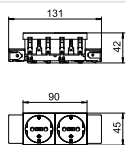
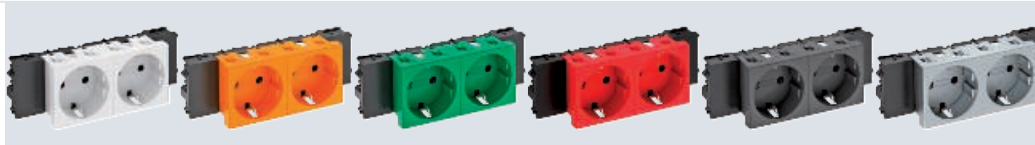
0° sockets, Modul 45connect® for device installation trunking 45-2

Socket 0°, Connect 45, protective contact, single

						
Type	STD-D0C RW1	STD-D0C ROR1	STD-D0C MZGN1	STD-D0C SRO1	STD-D0C SWGR1	STD-D0C AL1
Colour	Pure white	Pure orange	Mint green	Signal red	Black-grey	Aluminium-painted
Pack Piece	1	1	1	1	1	1
Weight kg/100 pc.	6.700	6.700	6.700	6.700	6.700	6.700
Item no.	6120340	6120344	6120346	6120348	6120350	6120352
 Polycarbonate						

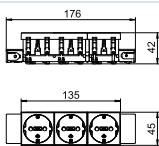
Protective contact socket with connection to side, single 0°, with increased touch protection, with screwless terminals, 2-pin, 16 A, 250 V~, with connection terminals to IEC 60884-1, suitable for the installation in Rapid 45 device installation trunking system.

Socket 0°, Connect 45, protective contact, double

						
Type	STD-D0C RW2	STD-D0C ROR2	STD-D0C MZGN2	STD-D0C SRO2	STD-D0C SWGR2	STD-D0C AL2
Colour	Pure white	Pure orange	Mint green	Signal red	Black-grey	Aluminium-painted
Pack Piece	1	1	1	1	1	1
Weight kg/100 pc.	10.100	10.100	10.100	10.100	10.100	10.100
Item no.	6120362	6120364	6120366	6120368	6120370	6120372
PC Polycarbonate						

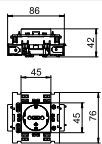
Protective contact socket with connection to side, double 0°, with increased touch protection, with screwless terminals, 2-pin, 16 A, 250 V~, with connection terminals to IEC 60884-1, suitable for the installation in Rapid 45 device installation trunking systems.

Socket 0°, Connect 45, protective contact, triple

						
Type	STD-D0C RW3	STD-D0C ROR3	STD-D0C MZGN3	STD-D0C SRO3	STD-D0C SWGR3	STD-D0C AL3
Colour	Pure white	Pure orange	Mint green	Signal red	Black-grey	Aluminium-painted
Pack Piece	1	1	1	1	1	1
Weight kg/100 pc.	16.500	16.500	16.500	16.500	16.500	16.500
Item no.	6120382	6120384	6120386	6120388	6120390	6120392
 Polycarbonate						

Protective contact socket with connection to side, triple 0°, with increased touch protection, with screwless terminals, 2-pin, 16 A, 250 V~, with connection terminals to IEC 60884-1, suitable for the installation in Rapid 45 device installation trunking systems.

Socket 0°, Connect 80, protective contact, single

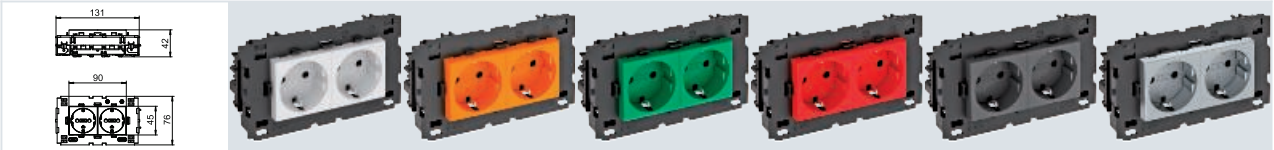
						
Type	STD-D0C8 RW1	STD-D0C8 ROR1	STD-D0C8 MZGN1	STD-D0C8 SRO1	STD-D0C8 SWGR1	STD-D0C8 AL1
Colour	Pure white	Pure orange	Mint green	Signal red	Black-grey	Aluminium-painted
Pack Piece	1	1	1	1	1	1
Weight kg/100 pc.	8.500	8.500	8.500	8.500	8.500	8.500
Item no.	6120412	6120414	6120416	6120418	6120420	6120422

 Polycarbonate

Protective contact socket with connection to side, single 0°, with increased touch protection, with screwless terminals, 2-pin, 16 A, 250 V~, with connection terminals to IEC 60884-1, suitable for the installation in Rapid 80 device installation trunking system.

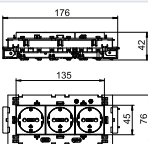


Socket 0°, Connect 80, protective contact, double

						
Type	STD-D0C8 RW2	STD-D0C8 ROR2	STD-D0C8 MZGN2	STD-D0C8 SRO2	STD-D0C8 SWGR2	STD-D0C8 AL2
Colour	Pure white	Pure orange	Mint green	Signal red	Black-grey	Aluminium-painted
Pack Piece	1	1	1	1	1	1
Weight kg/100 pc.	13.000	13.000	13.000	13.000	13.000	13.000
Item no.	6120432	6120434	6120436	6120438	6120440	6120442
PC Polycarbonate						

Protective contact socket with connection to side, double 0°, with increased touch protection, with screwless terminals, 2-pin, 16 A, 250 V~, with connection terminals to IEC 60884-1, suitable for the installation in Rapid 80 device installation trunking systems.

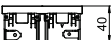
Socket 0°, Connect 80, protective contact, triple

						
Type	STD-D0C8 RW3	STD-D0C8 ROR3	STD-D0C8 MZGN3	STD-D0C8 SRO3	STD-D0C8 SWGR3	STD-D0C8 AL3
Colour	Pure white	Pure orange	Mint green	Signal red	Black-grey	Aluminium-painted
Pack Piece	1	1	1	1	1	1
Weight kg/100 pc.	20.000	20.000	20.000	20.000	20.000	20.000
Item no.	6120452	6120454	6120456	6120458	6120460	6120462
PC Polycarbonate						

Protective contact socket with connection to side, triple 0°, with increased touch protection, with screwless terminals, 2-pin, 16 A, 250 V~, with connection terminals to IEC 60884-1, suitable for the installation in Rapid 80 device installation trunking systems.

Modul 45 connect 33° sockets for underfloor installations and service poles

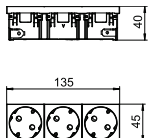
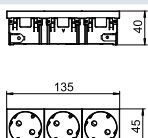
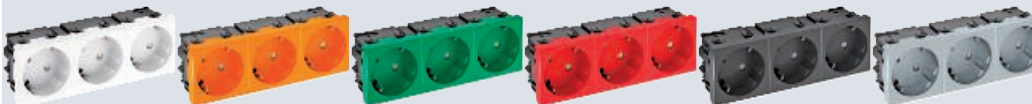
Socket 33°, Connect 45, protective contact, double

						
Type	STD-D3C MZGN2					
Colour	Mint green					
Pack Piece	1					
Weight kg/100 pc.	8.500					
Item no.	6120486					
						
Type	STD-D3SC RW2	STD-D3SC ROR2	STD-D3SC MZGN2	STD-D3SC SRO2	STD-D3SC SWGR2	STD-D3SC AL2
Colour	Pure white	Pure orange	Mint green	Signal red	Black-grey	Aluminium-painted
Pack Piece	1	1	1	1	1	1
Weight kg/100 pc.	8.500	8.500	8.500	8.500	8.500	8.500
Item no.	6120483	6120485	6120487	6120489	6120491	6120493
PC Polycarbonate						

Power socket with side connection Double 33°, with increased touch protection with screwless terminals, 2-pin, 16 A, 250 V~, with connection terminals to IEC 60884-1.

Modul 45 connect 33° sockets for underfloor installations and service poles

Socket 33°, Connect 45, protective contact, triple

						
Type	STD-D3C MZGN3					
Colour	Mint green					
Pack Piece	1					
Weight kg/100 pc.	11.500					
Item no.	6120506					
						
Type	STD-D3SC RW3	STD-D3SC ROR3	STD-D3SC MZGN3	STD-D3SC SRO3	STD-D3SC SWGR3	STD-D3SC AL3
Colour	Pure white	Pure orange	Mint green	Signal red	Black-grey	Aluminium-painted
Pack Piece	1	1	1	1	1	1
Weight kg/100 pc.	12.200	12.200	12.200	12.200	12.200	12.200
Item no.	6120503	6120505	6120507	6120509	6120511	6120513
PC Polycarbonate						

PC Polycarbonate

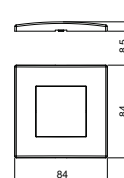
Power socket with side connection Triple 33°, with increased touch protection with screwless terminals, 2-pin, 16 A, 250 V~, with connection terminals to IEC 60884-1.

PC

Cover frame AR45-F1, for accessory mounting box 71GD8-2, single

Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
AR45-F1 RW	Pure white	1	1.600	6119322
AR45-F1 SWGR	Black-grey	1	1.600	6119324
AR45-F1 AL	Aluminium-painted	1	1.600	6119326

Front locking cover frame for Modul 45 devices, single, without labelling panel for horizontal and vertical device installation, for locking in accessory mounting box 71GD8-2.

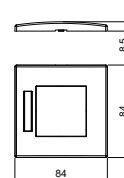


PC

Cover frame AR45-BF1, for accessory mounting box, single, with labelling panel for horizontal device installation

Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
AR45-BF1 RW	Pure white	1	1.500	6119332
AR45-BF1 SWGR	Black-grey	1	1.500	6119334
AR45-BF1 AL	Aluminium-painted	1	1.500	6119336

Front locking cover frame for Modul 45 devices, single, with labelling panel for horizontal device installation, for locking in accessory mounting box 71GD8-2.

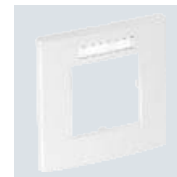
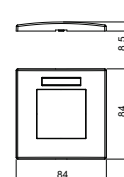


PC

Cover frame AR45-BSF1, for accessory mounting box 71GD8-2, single, with labelling panel for vertical device installation

Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
AR45-BSF1 RW	Pure white	1	1.500	6119338
AR45-BSF1 SWGR	Black-grey	1	1.500	6119339
AR45-BSF1 AL	Aluminium-painted	1	1.500	6119340

Front locking cover frame for Modul 45 devices, single, with labelling panel for vertical device installation, for locking in accessory mounting box 71GD8-2.

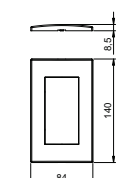


PC

Cover frame AR45-F2, for accessory mounting box 71GD13, double

Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
AR45-F2 RW	Pure white	1	2.320	6119342
AR45-F2 SWGR	Black-grey	1	2.320	6119344
AR45-F2 AL	Aluminium-painted	1	2.320	6119346

Front locking cover frame for Modul 45 devices, single, without labelling panel for horizontal and vertical device installation, for locking in accessory mounting box 71GD13 or in mounting support 71MT2 45.

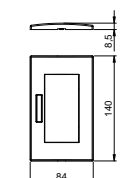


PC

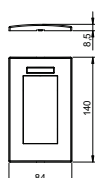
Cover frame AR45-BF2, for accessory mounting box 71GD13, double, with labelling panel for horizontal device installation

Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
AR45-BF2 RW	Pure white	1	2.260	6119352
AR45-BF2 SWGR	Black-grey	1	2.260	6119354
AR45-BF2 AL	Aluminium-painted	1	2.260	6119356

Front locking cover frame for Modul 45 devices, double, with labelling panel for horizontal device installation, for locking in accessory mounting box 71GD13 or in mounting support 71MT2 45.



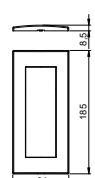
Cover frame AR45-BSF2, for accessory mounting box 71GD13, double, with labelling panel for vertical device installation



Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
AR45-BSF2 RW	Pure white	1	2.260	6119362
AR45-BSF2 SWGR	Black-grey	1	2.260	6119364
AR45-BSF2 AL	Aluminium-painted	1	2.260	6119366

Front locking cover frame for Modul 45 devices, double, with labelling panel for vertical device installation, for locking in accessory mounting box 71GD13 or in mounting support 71MT2 45.

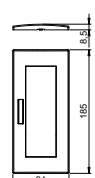
Cover frame AR45-F3, for accessory mounting box 71GD9-2, triple



Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
AR45-F3 RW	Pure white	1	2.800	6119372
AR45-F3 SWGR	Black-grey	1	2.800	6119374
AR45-F3 AL	Aluminium-painted	1	2.800	6119376

Front locking cover frame for Modul 45 devices, triple, without labelling panel for horizontal and vertical device installation, for locking in accessory mounting box 71GD9-2 or in mounting support 71MT3 45-2.

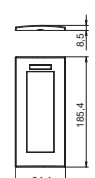
Cover frame AR45-BF3, for accessory mounting box 71GD9-2, triple, with labelling panel for horizontal device installation



Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
AR45-BF3 RW	Pure white	1	2.800	6119382
AR45-BF3 SWGR	Black-grey	1	2.800	6119384
AR45-BF3 AL	Aluminium-painted	1	2.800	6119386

Front locking cover frame for Modul 45 devices, triple, with labelling panel for horizontal device installation, for locking in accessory mounting box 71GD9-2 or in mounting support 71MT3 45-2.

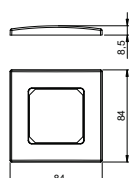
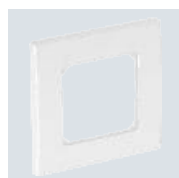
Cover frame AR45-BSF3, for accessory mounting box 71GD9-2, triple, with labelling panel for vertical device installation



Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
AR45-BSF3 RW	Pure white	1	2.800	6119387
AR45-BSF3 SWGR	Black-grey	1	2.800	6119388
AR45-BSF3 AL	Aluminium-painted	1	2.800	6119389

Front locking cover frame for Modul 45 devices, triple, with labelling panel for vertical device installation, for locking in accessory mounting box 71GD9-2 or in mounting support 71MT3 45-2.

Cover frame AR50, for accessory mounting box 71GD6/11, single



Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
AR50-F1 RW	Pure white	1	1.620	6119392
AR50-F1 SWGR	Black-grey	1	1.620	6119394
AR50-F1 AL	Aluminium-painted	1	1.620	6119396

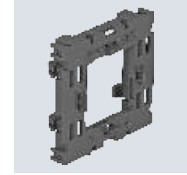
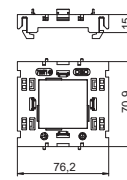
Front locking cover frame for devices with 50 mm central plate, single, without labelling panel for horizontal and vertical device installation, for mounting on accessory mounting box 71GD6, 71GD11 or in mounting support 71MTD.

PA

Mounting support 71MT1, single, for Modul 45®

Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
71MT1 45	Light grey	10	2.000	6288572

Front-locking, single mounting support for Modul 45 data technology systems and Modul 45connect protective contact sockets.

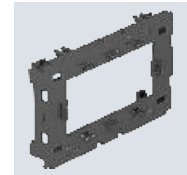
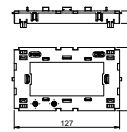


PA

Mounting support 71MT2, double, for Modul 45®

Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
71MT2 45	Light grey	5	3.050	6288576

Front-locking, double mounting support for Modul 45 data technology systems and Modul 45connect protective contact sockets.

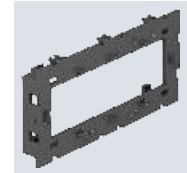
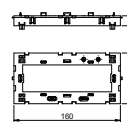


PA

Mounting support 71MT3, triple, for Modul 45®

Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
71MT3 45-2	Light grey	5	3.200	6288574

Front-locking, triple mounting support for Modul 45 data technology systems and Modul 45connect protective contact sockets.

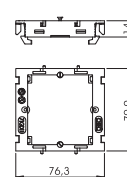


PA

Mounting support for data technology

Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
71MTD	Light grey	5	1.640	6288577

Mounting support for the installation of data technology devices in device installation trunking of the Rapid 80 series and ISS service poles with 76.5 mm system opening.



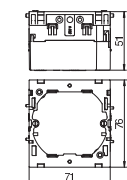
PA

Accessory mounting box 71GD6, single



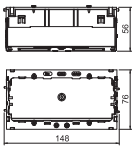
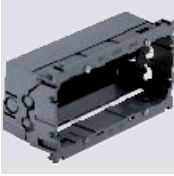
Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
71GD6	Iron grey	5	5.600	6288610

Front locking accessory mounting box for switch systems, with folding, and also removable, base for time-saving cable connection, with feed openings for cable diameters of up to 14 mm. Halogen-free version.



Accessory mounting box 71GD7-2, double

PA

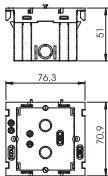


Type	Colour	Pack		Weight		Item no.
		Piece		kg/100 pc.		
71GD7-2	Iron grey	2		8.200		6288608

Front locking accessory mounting box for standard switch ranges for the installation of two individual installation devices or a multiple protective contact socket. With unfolding, and also removable, base for time-saving cable connection and with feed openings for cable diameters of up to 14 mm. Halogen-free version.
Vertical fastening track 60 mm.

Accessory mounting box, single, with large installation opening

PA

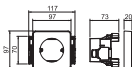


Type	Pack		Weight		Item no.
	Piece		kg/100 pc.		
71GD11	1		4.600		6288532

Accessory mounting box to accept standard switching and connection devices in support ring and support clamp versions of all manufacturers. An extra large installation opening means that the box is also suited to accept ELKO devices as well as larger versions of data technology connection sockets. With the data technology application, it is possible to do without the protective housing if necessary.

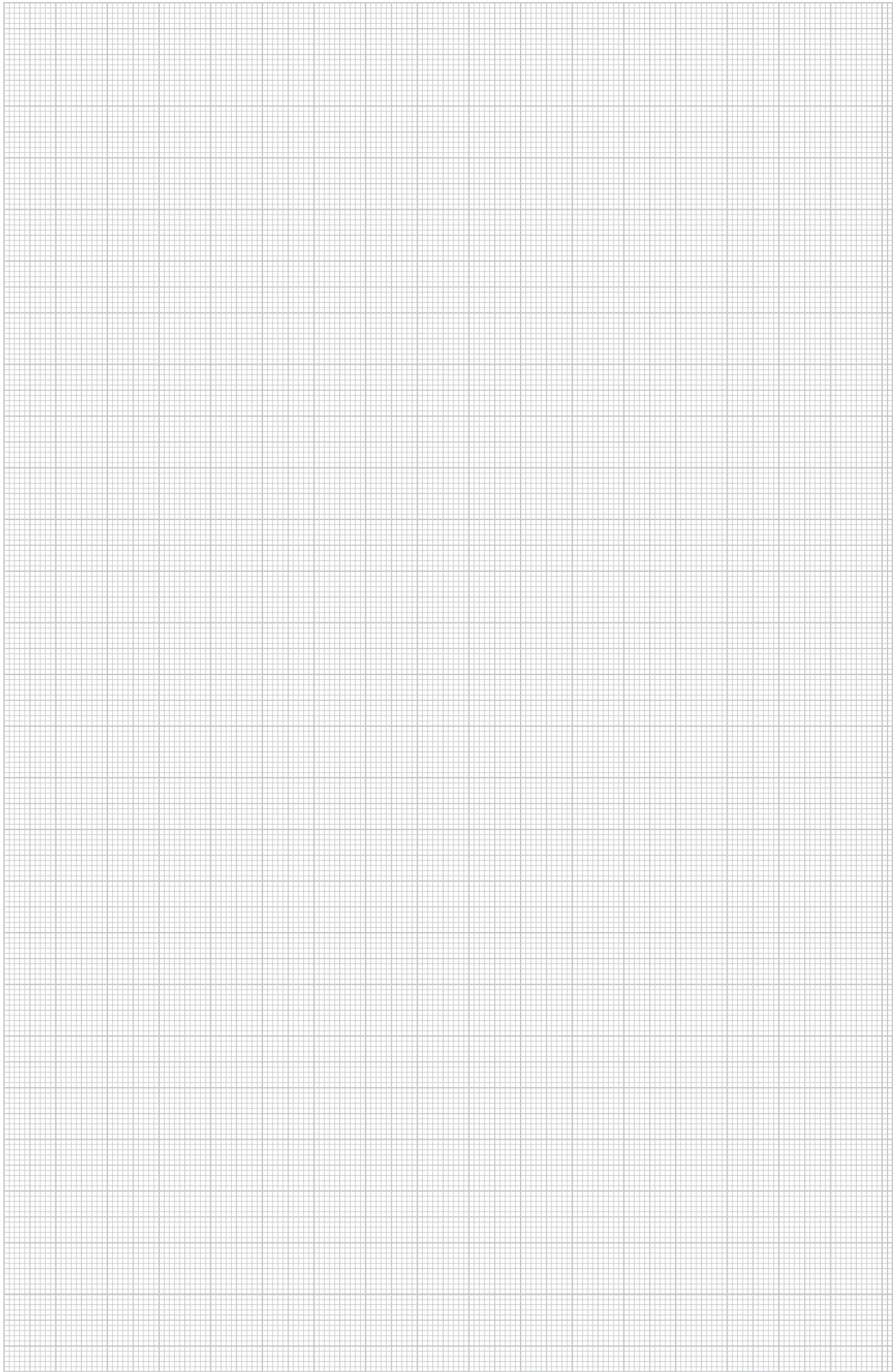
Accessory mounting box for CEE installation, type 71GDCEE 16 A/32 A

PA



Type	Pack		Weight		Item no.
	Piece		kg/100 pc.		
71GDCEE	1		13.700		6288635

Accessory mounting box for installation of a 5-pole CEE socket, 16 A or 32 A, with four-point fastening track 60 x 60 mm or 70 x 70 mm; with external strain relief for jacketed cables of up to Ø 18 mm; with eccentric lock for quick, screwless fastening.





Surface-mounted systems



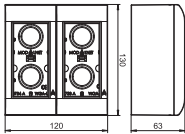
Surface-mounted housing

130



Surface-mounted housing, basic configuration, 2x double

PC

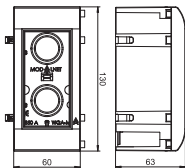


Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
WG-AK RW	Pure white	1	35.000	6109900

Basic configuration consisting of two housing bases (right and left side) with two cover frames to accept Modul 45 accessories of 2x module width = 90 mm.

Surface-mounted housing, expansion module, double

PC

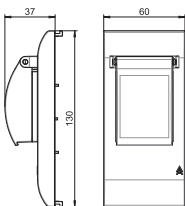


Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
WG-MK RW	Pure white	1	17.500	6109905

Extension module consisting of housing base and cover frame to accept Modul 45 accessories of 2x module width = 90 mm.

Cover frame, double, for protective equipment installation

PC



Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
WG-AF2TE RW	Pure white	1	7.500	6109932

Construction set, protection unit installation consisting of cover with mounting support and transparent cover hood. Allows the installation of protective equipment (two units) such as miniature circuit-breakers or FI protection switches in the Modal net housing.

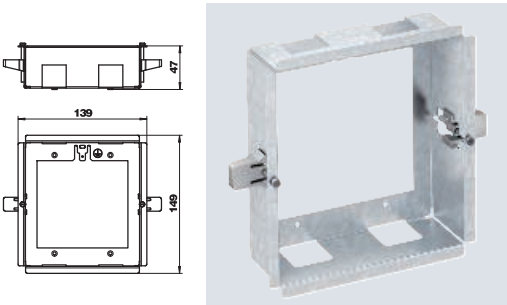


St FS

Support for cavity wall installation 2x double

Type	Pack Piece	Weight kg/100 pc.	Item no.
WG-UK2	1	31.000	6109950

Metal cavity wall support to accept the Modal net housing.

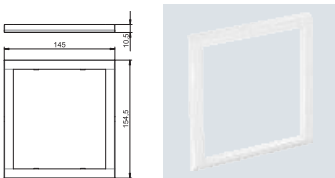


PC

Screen frame for cavity wall installation 3x double

Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
WG-UBR2 RW	Pure white	1	4.400	6109934

Screen frame for placing on the cavity wall support.

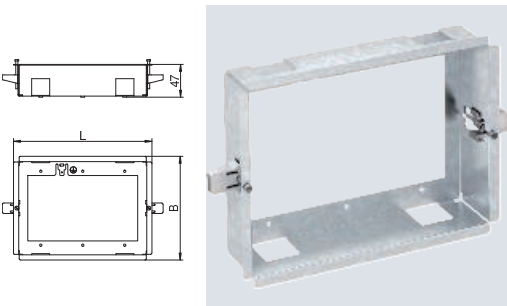


St FS

Support for cavity wall installation 3x double

Type	Pack Piece	Weight kg/100 pc.	Item no.
WG-UK3	1	35.000	6109952

Metal cavity wall support to accept the Modal net housing.

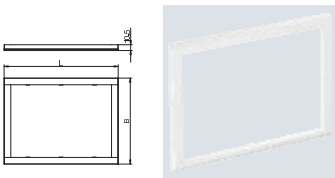


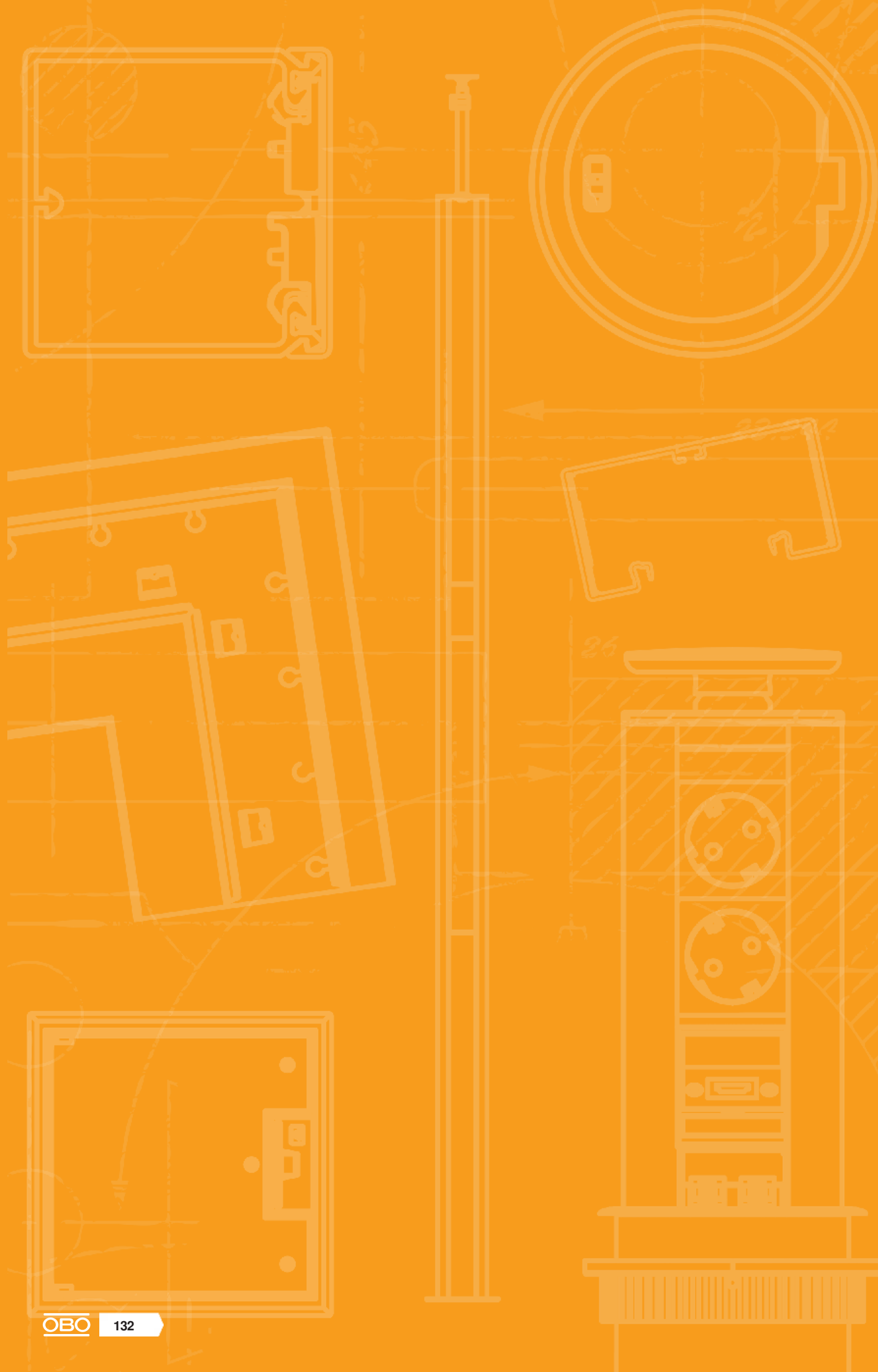
PC

Screen frame for cavity wall installation 3x double

Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
WG-UBR3 RW	Pure white	1	4.500	6109936

Screen frame for placing on the cavity wall support.





Data technology



Data technology support

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Accessories, data technology support

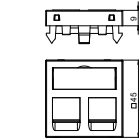
144



Selection aid – installation of data technology modules from different manufacturers

Manufacturer	Data technology module	Data technology support
3M	Volition K6	Type C (without dust protection slider)
3M	Volition CAT6A	Type C (without dust protection slider)
AMP/Tyco	SL Series 110Connect (without dust protection flap)	Type A
AMP/Tyco	SL Series Toolless (without dust protection flap)	Type A
Avaya/Systimax	M series	Type F
Belden	KeyConnect	Type C
Brand-Rex	Modules with the item number ending ...JAKS000CR	Type A
Brand-Rex	Modules with the item number ending ...JAKU002	Type A
BTR Netcom	Cat. 6A module (Keystone design)	Type C
BTR Netcom	UTP module (Keystone design)	Type C
BTR Netcom	Cat. 6A module (modular design)	Type B
BTR Netcom	E-DAT module (modular design)	Type B
BTR Netcom	UAE module (modular design)	Type B
CobiNet	CobiDat KS	Type C
Corning	Modules with Keystone retainer	Type C
Dätwyler Cables	MS module	Type B
Dätwyler Cables	MS-N module	Type B
Dätwyler Cables	KS-T and KS-TS module	Type C
Dätwyler Cables	MS-K module	Type C
Dätwyler Cables	KU-T module	Type C
EKU	E-Stone module	Type C
Harting	Prelink RJ45 Keystone module Cat. 6A	Type C
Harting	Fixlink RJ45 Keystone module Cat. 6A	Type C
Komos	KDM 500 module	Type C
Leoni Kerpen	VarioKeystone, Cat. 6A socket module	Type B
Leoni Kerpen	MegaLine Connect100, socket module Cat. 6A and 8C7A	Type B
Leoni Kerpen	MegaLine Connect45, Keystone socket modules	Type C
Leoni Kerpen	MegaLine Connect45, ELine	Type EP
Lexcom/Schneider	LexCom 125	Type LE
Lexcom/Schneider	LexCom 250	Type LE
Lexcom/Schneider	LexCom 500	Type LE
Nexans	LANmark RJ45 with blue adapter clip	Type A
Nexans	LANmark GG45 with metal clip	Type A
OBO Bettermann	Connection module, type ASM-C6A	Type C
OBO Bettermann	Connection module, type ASM-C6A G	Type C
OBO Bettermann	Connection module, type ASM-C5	Type RM
OBO Bettermann	Connection module, type ASM-C5 G	Type RM
OBO Bettermann	Connection module, type ASM-C6	Type RM
OBO Bettermann	Connection module, type ASM-C6 G	Type RM
Panduit	Mini-Com	Type PA
R&M	Cat. 6A module with Keystone fastening	Type C
R&M	Cat. 5 and Cat. 6 modules without support plate	Type RM
Rutenbeck	UM module	Type C
Rutenbeck	Umflex module	Type C
SETEC	UKJ module	Type C
SETEC	XKJ module	Type C
Telegärtner	AMJ module	Type C
Telegärtner	UMJ module	Type C

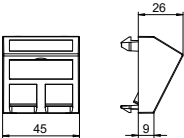
Data technology support, 1 module, straight outlet, type RM

				
	Type	DTG-2RM RW1	DTG-2RM SWGR1	DTG-2RM AL1
	Colour	Pure white	Black-grey	Aluminium-painted
	Pack Piece	1	1	1
	Weight kg/100 pc.	1.100	1.100	1.100
Item no.	6119292	6119294	6119296	
PC Polycarbonate				

The type RM data technology support is suitable for accepting the following data connection modules: Types ASM-C5, ASM-C5 G, ASM-C6 and ASM-C6 G; R&M: Cat. 5 and Cat. 6 modules without support plate.

Data technology support with straight outlet and locking slider to accept two data technology connection modules with RJ45 socket. The locking fastening is suitable for horizontal and vertical installation in the system environment. Type RM has a special module seat and is designed for indirect fastening of the data connection modules in the mounting opening.

Data technology support, 1 module, slanting outlet, type RM

				
	Type	DTS-2RM RW1	DTS-2RM SWGR1	DTS-2RM AL1
	Colour	Pure white	Black-grey	Aluminium-painted
	Pack Piece	1	1	1
	Weight kg/100 pc.	2.900	2.900	2.900
Item no.	6119298	6119300	6119302	
PC Polycarbonate				

The type RM data technology support is suitable for accepting the following data connection modules: Types ASM-C5, ASM-C5 G, ASM-C6 and ASM-C6 G; R&M: Cat. 5 and Cat. 6 modules without support plate.

Data technology support with slanting outlet and locking slider to accept two data technology connection modules with RJ45 socket. The locking fastening is suitable for horizontal and vertical installation in the system environment. Type RM has a special module seat and is designed for indirect fastening of the data connection modules in the mounting opening.

Data technology support, 1 module, straight outlet, type C



Type	DTG-2C RW1	DTG-2C SWGR1	DTG-2C AL1
Colour	Pure white	Black-grey	Aluminium-painted
Pack Piece	1	1	1
Weight kg/100 pc.	1.100	1.100	1.100
Item no.	6119214	6119216	6119218

PC Polycarbonate

The type C data technology support is suitable for accepting the following data connection modules: BTR (Keystone design): Cat. 6A module and UAE module; Coming: modules with Keystone seat; CobiNet: CobiDat KS module; Dätwyler: KS-T, KS-TS, MS-K and KU-T; ECU: E-Stone; Harting: Prelink Keystone Cat. 6A; Fixlink Keystone Cat. 6A; Komos: KDM 500 module; Leoni Kerpen: MegaLine-Connect45 Keystone socket modules; OBO: Type ASM-C6A and ASM-C6A G; R&M: Cat. 6A with Keystone fastening; Rutenbeck: UM and UMflex; SETEC: UKJ and XKJ; Telegärtner: AMJ and UMJ.

Data technology support with straight outlet and locking slider to accept two data technology connection modules with RJ45 socket. The locking fastening is suitable for horizontal and vertical installation in the system environment. Type C has a mounting opening of 19.30 x 14.80 mm and is designed for direct fastening of the data connection modules in the mounting opening.

Data technology support, 1 module, slanting outlet, type C



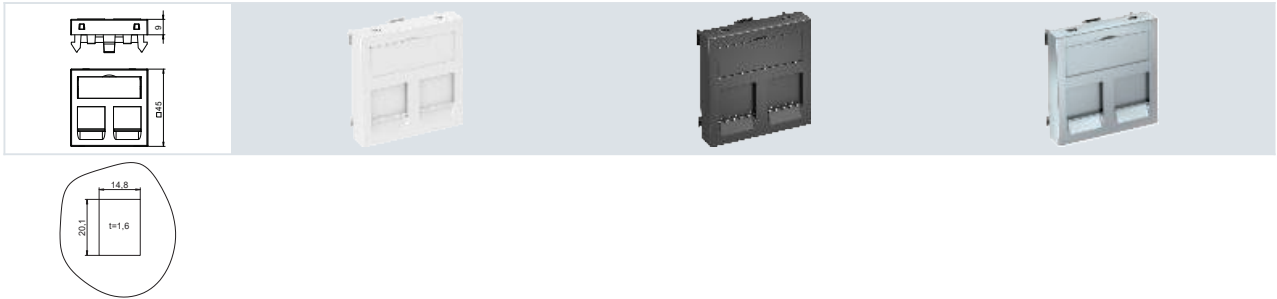
Type	DTS-2C RW1	DTS-2C SWGR1	DTS-2C AL1
Colour	Pure white	Black-grey	Aluminium-painted
Pack Piece	1	1	1
Weight kg/100 pc.	1.500	1.500	1.500
Item no.	6119250	6119252	6119254

PC Polycarbonate

The type C data technology support is suitable for accepting the following data connection modules: BTR (Keystone design): Cat. 6A module and UAE module; Coming: modules with Keystone seat; CobiNet: CobiDat KS module; Dätwyler: KS-T, KS-TS, MS-K and KU-T; ECU: E-Stone; Harting: Prelink Keystone Cat. 6A; Fixlink Keystone Cat. 6A; Komos: KDM 500 module; Leoni Kerpen: MegaLine-Connect45 Keystone socket modules; OBO: Type ASM-C6A and ASM-C6A G; R&M: Cat. 6A with Keystone fastening; Rutenbeck: UM and UMflex; SETEC: UKJ and XKJ; Telegärtner: AMJ and UMJ.

Data technology support with slanting outlet and locking slider to accept two data technology connection modules with RJ45 socket. The locking fastening is suitable for horizontal and vertical installation in the system environment. Type C has a mounting opening of 19.30 x 14.80 mm and is designed for direct fastening of the data connection modules in the mounting opening.

Data technology support, 1 module, straight outlet, type A



Type	DTG-2A RW1	DTG-2A SWGR1	DTG-2A AL1
Colour	Pure white	Black-grey	Aluminium-painted
Pack Piece	1	1	1
Weight kg/100 pc.	1.100	1.100	1.100
Item no.	6119202	6119204	6119206
PC Polycarbonate			

The type A data technology support is suitable for accepting the following data connection modules: AMP TYCO (without dust protection cap): SL Series 110Connect and SL Series Toolless; Brand-Rex: modules with item numbers ending in ...JAKS000CR and ...JAKU002; Nexans: LANmark RJ45 with blue adapter clip, LANmark GG45 with metal clip.

Data technology support with straight outlet and locking slider to accept two data technology connection modules with RJ45 socket. The locking fastening is suitable for horizontal and vertical installation in the system environment. Type A has a mounting opening of 20.10 x 14.80 mm and is designed for direct fastening of the data connection modules in the mounting opening.

Data technology support, 1 module, slanting outlet, type A

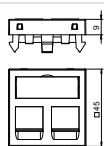
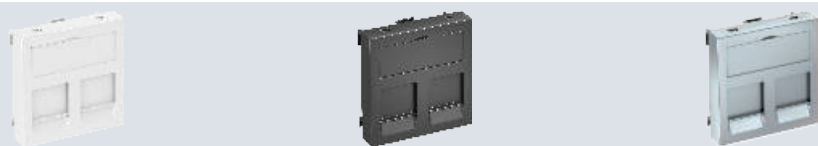


Type	DTS-2A RW1	DTS-2A SWGR1	DTS-2A AL1
Colour	Pure white	Black-grey	Aluminium-painted
Pack Piece	1	1	1
Weight kg/100 pc.	2.000	1.500	1.500
Item no.	6119238	6119240	6119242
PC Polycarbonate			

The type A data technology support is suitable for accepting the following data connection modules: AMP TYCO (without dust protection cap): SL Series 110Connect and SL Series Toolless; Brand-Rex: modules with item numbers ending in ...JAKS000CR and ...JAKU002; Nexans: LANmark RJ45 with blue adapter clip, LANmark GG45 with metal clip.

Data technology support with slanting outlet and locking slider to accept two data technology connection modules with RJ45 socket. The locking fastening is suitable for horizontal and vertical installation in the system environment. Type A has a mounting opening of 20.10 x 14.80 mm and is designed for direct fastening of the data connection modules in the mounting opening.

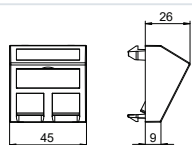
Data technology support, 1 module, straight outlet, type B

				
	Type	DTG-2B RW1	DTG-2B SWGR1	DTG-2B AL1
	Colour	Pure white	Black-grey	Aluminium-painted
	Pack Piece	1	1	1
	Weight kg/100 pc.	1.100	1.100	1.100
Item no.	6119208	6119210	6119212	
 Polycarbonate				

The type B data technology support is suitable for accepting the following data connection modules: BTR (module design): Cat. 6A module, E-DAT module and UAE module; Dätwyler: MS and MS-N, Leoni Kerpen: VarioKeystone socket module Cat. 6A and MegaLine-Connect100 socket module Cat. 6A and 8C7A.

Data technology support with straight outlet and locking slider to accept two data technology connection modules with RJ45 socket. The locking fastening is suitable for horizontal and vertical installation in the system environment. Type B has a mounting opening of 19.35/21.55 x 14.85 mm and is designed for direct fastening of the data connection modules in the mounting opening.

Data technology support, 1 module, slanting outlet, type B

				
	Type	DTS-2B RW1	DTS-2B SWGR1	DTS-2B AL1
	Colour	Pure white	Black-grey	Aluminium-painted
	Pack Piece	1	1	1
	Weight kg/100 pc.	1.500	1.500	1.500
Item no.	6119244	6119246	6119248	
 Polycarbonate				

The type B data technology support is suitable for accepting the following data connection modules: BTR (module design): Cat. 6A Modul, E-DAT module and UAE module; Dätwyler: MS and MS-N, Leoni Kerpen: VarioKeystone socket module Cat. 6A and MegaLine-Connect100 socket module Cat. 6A and 8C7A.

Data technology support with slanting outlet and locking slider to accept two data technology connection modules with RJ45 socket. The locking fastening is suitable for horizontal and vertical installation in the system environment. Type B has a mounting opening of 19.35/21.55 x 14.85 mm and is designed for direct fastening of the data connection modules in the mounting opening.

Data technology support, 1 module, straight outlet, type C, without dust protection slider



Type	DTG-02C RW1	DTG-02C SWGR1	DTG-02C AL1
Colour	Pure white	Black-grey	Aluminium-painted
Pack Piece	1	1	1
Weight kg/100 pc.	1.000	1.000	1.383
Item no.	6119280	6119282	6119284

PC Polycarbonate

The type C data technology support (without dust protection slider) is suitable for accepting the following data connection modules: 3M: Volition K6, K10 and Cat. 6A.

Data technology support with straight outlet and without a locking slider to accept two data technology connection modules with RJ45 socket. The locking fastening is suitable for horizontal and vertical installation in the system environment. Type C has a mounting opening of 19.30 x 14.80 mm and is designed for direct fastening of the data connection modules in the mounting opening.

Data technology support, 1 module, slanting outlet, type C, without dust protection slider



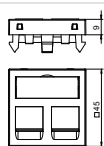
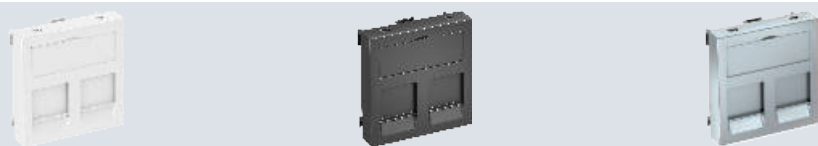
Type	DTS-02C RW1	DTS-02C SWGR1	DTS-02C AL1
Colour	Pure white	Black-grey	Aluminium-painted
Pack Piece	1	1	1
Weight kg/100 pc.	1.400	1.400	1.400
Item no.	6119286	6119288	6119290

PC Polycarbonate

The type C data technology support (without dust protection slider) is suitable for accepting the following data connection modules: 3M: Volition K6, K10 and Cat. 6A.

Data technology support with slanting outlet and without a locking slider to accept two data technology connection modules with RJ45 socket. The locking fastening is suitable for horizontal and vertical installation in the system environment. Type C has a mounting opening of 19.30 x 14.80 mm and is designed for direct fastening of the data connection modules in the mounting opening.

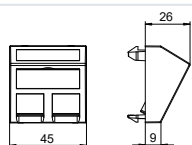
Data technology support, 1 module, straight outlet, type EP

				
	Type	DTG-2EP RW1	DTG-2EP SWGR1	DTG-2EP AL1
	Colour	Pure white	Black-grey	Aluminium-painted
	Pack Piece	1	1	1
	Weight kg/100 pc.	1.100	1.100	1.100
Item no.	6119232	6119234	6119236	
 Polycarbonate				

The type EP data technology support is suitable for accepting the following data connection modules: Leoni Kerpen: MegaLine-Connect45 ELine.

Data technology support with straight outlet and locking slider to accept two data technology connection modules with RJ45 socket. The locking fastening is suitable for horizontal and vertical installation in the system environment. Type EP has a special module seat and is designed for indirect fastening of the data connection modules in the mounting opening.

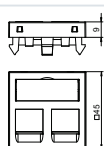
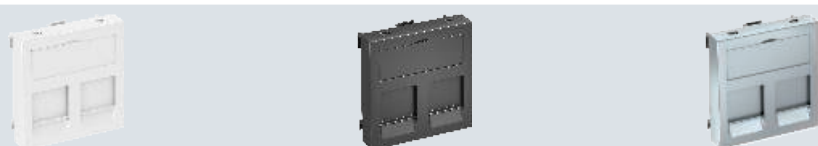
Data technology support, 1 module, slanting outlet, type EP

				
	Type	DTS-2EP RW1	DTS-2EP SWGR1	DTS-2EP AL1
	Colour	Pure white	Black-grey	Aluminium-painted
	Pack Piece	1	1	1
	Weight kg/100 pc.	1.500	1.500	1.500
Item no.	6119268	6119270	6119272	
 Polycarbonate				

The type EP data technology support is suitable for accepting the following data connection modules: Leoni Kerpen: MegaLine-Connect45 ELine.

Data technology support with slanting outlet and locking slider to accept two data technology connection modules with RJ45 socket. The locking fastening is suitable for horizontal and vertical installation in the system environment. Type EP has a special module seat and is designed for indirect fastening of the data connection modules in the mounting opening.

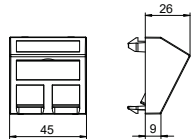
Data technology support, 1 module, straight outlet, type F

				
	Type	DTG-2F RW1	DTG-2F SWGR1	DTG-2F AL1
	Colour	Pure white	Black-grey	Aluminium-painted
	Pack Piece	1	1	1
	Weight kg/100 pc.	1.100	1.100	1.100
Item no.	6119220	6119222	6119224	
 Polycarbonate				

The type F data technology support is suitable for accepting the following data connection modules: Avaya/Systimax: M series.

Data technology support with straight outlet and locking slider to accept two data technology connection modules. The locking fastening is suitable for horizontal and vertical installation in the system environment.

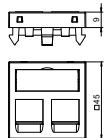
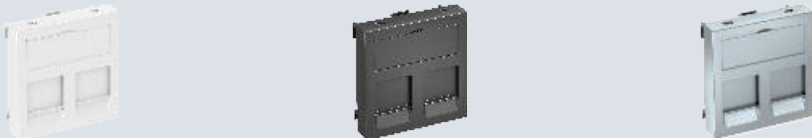
Data technology support, 1 module, slanting outlet, type F

				
	Type	DTS-2F RW1	DTS-2F SWGR1	DTS-2F AL1
	Colour	Pure white	Black-grey	Aluminium-painted
	Pack Piece	1	1	1
	Weight kg/100 pc.	1.500	1.500	1.500
Item no.	6119256	6119258	6119260	
	PC Polycarbonate			

The type F data technology support is suitable for accepting the following data connection modules: Avaya/Systimax: M series.

Data technology support with slanting outlet and locking slider to accept two data technology connection modules with RJ45 socket. The locking fastening is suitable for horizontal and vertical installation in the system environment. Type F has a special module seat and is designed for indirect fastening of the data connection modules in the mounting opening.

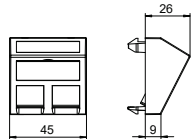
Data technology support, 1 module, straight outlet, type PA

				
	Type	DTG-2PA RW1	DTG-2PA SWGR1	DTG-2PA AL1
	Colour	Pure white	Black-grey	Aluminium-painted
	Pack Piece	1	1	1
	Weight kg/100 pc.	1.100	1.100	1.100
Item no.	6119226	6119228	6119230	
	PC Polycarbonate			

The type PA data technology support is suitable for accepting the following data connection modules: Panduit: Mini-Com.

Data technology support with straight outlet and locking slider to accept two data technology connection modules with RJ45 socket. The locking fastening is suitable for horizontal and vertical installation in the system environment. Type PA has a special module seat and is designed for indirect fastening of the data connection modules in the mounting opening.

Data technology support, 1 module, slanting outlet, type PA

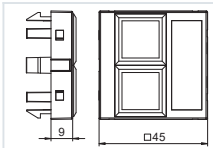
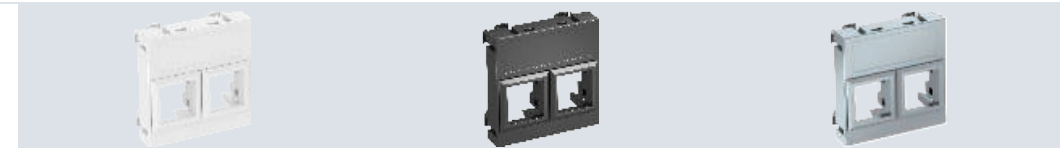
				
	Type	DTS-2PA RW1	DTS-2PA SWGR1	DTS-2PA AL1
	Colour	Pure white	Black-grey	Aluminium-painted
	Pack Piece	1	1	1
	Weight kg/100 pc.	1.500	1.500	1.500
Item no.	6119262	6119264	6119266	
	PC Polycarbonate			

The type PA data technology support is suitable for accepting the following data connection modules: Panduit: Mini-Com.

Data technology support with slanting outlet and locking slider to accept two data technology connection modules with RJ45 socket. The locking fastening is suitable for horizontal and vertical installation in the system environment. Type PA has a special module seat and is designed for indirect fastening of the data connection modules in the mounting opening.

Universal data technology support

Data technology support, 1 module, straight outlet, type LE

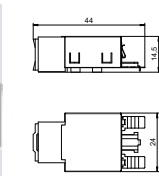
							
Type	DTG-02LE RW1		DTG-02LE SWGR1		DTG-02LE AL1		
Colour	Pure white		Black-grey		Aluminium-painted		
Pack Piece	1		1		1		
Weight kg/100 pc.	0.900		0.900		0.900		
Item no.	6119304		6119306		6119308		
PC Polycarbonate							

The type LE data technology support is suitable for accepting the following data connection modules: LexCom/Schneider: LexCom 125, LexCom 250 and LexCom 500.

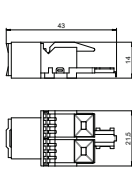
Data technology support with straight outlet and without a locking slider to accept two data technology connection modules with RJ45 socket. The locking fastening is suitable for horizontal and vertical installation in the system environment. Type LE has a special module seat and is designed for indirect fastening of the data connection modules in the mounting opening.

Data technology solution Cat. 5

RJ45 data connection module, Cat. 5e, shielded

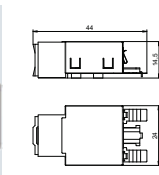
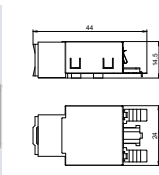
		Type		Pack	Weight	Item no.
		ASM-C5 G		Piece	kg/100 pc.	
				1	2.660	6117325
Connection module Cat. 5e shielded, with an RJ 45 slot. Includes an EMC screen hood, a dust cover, a cable tie and mounting instructions. Suitable for installation in data technology supports of type DTG-2RM and DTS-2RM.						

RJ45 data connection module, Cat. 5e, unshielded

		Type		Pack	Weight	Item no.
		ASM-C5	Piece	kg/100 pc.		
			1	1.120	6117337	
Connection module Cat. 5e unshielded, with an RJ 45 slot. Including a dust cover, a cable tie and mounting instructions. Suitable for installation in data technology supports of type DTG-2RM and DTS-2RM.						

Data technology solution Cat. 6

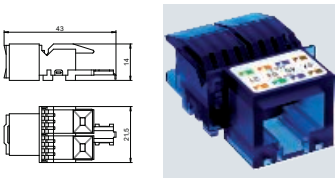
RJ45 data connection module, Cat. 6, shielded

		Type		Pack	Weight	Item no.
		ASM-C6 G		Piece	kg/100 pc.	
				1	1.850	6117329
Connection module Cat. 6 shielded, with an RJ 45 slot. Includes an EMC screen hood, a dust cover, a cable tie and mounting instructions. Suitable for installation in data technology supports of type DTG-2RM and DTS-2RM.						

RJ45 data connection module, Cat. 6, unshielded

Type	Pack Piece	Weight kg/100 pc.	Item no.
ASM-C6	1	1.060	6117341

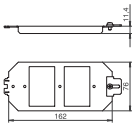
Connection module Cat. 6 unshielded, with an RJ 45 slot. Including a dust cover, a cable tie and mounting instructions. Suitable for installation in data technology supports of type DTG-2RM and DTS-2RM.



Mounting support

Mounting support for data technology connection sockets,
system length 165 mm

St FS

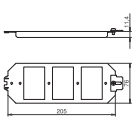
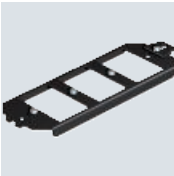


Type	Pack Piece	Weight kg/100 pc.	Item no.
MTU 2	1	11.400	7407836

Mounting support for installation of two cover plates and strain relief. Use instead of a UT3 mounting box.

Mounting support for data technology connection sockets,
system length 208 mm

St FS



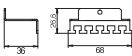
Type	Pack Piece	Weight kg/100 pc.	Item no.
MTU 3	1	14.470	7407840

Mounting support for installation of three cover plates and strain relief. Use instead of a UT4 mounting box.

Strain reliefs

Strain relief for mounting support

St FS



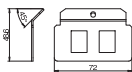
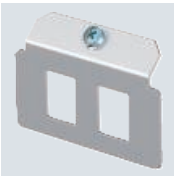
Type	Pack Piece	Weight kg/100 pc.	Item no.
MTU ZE	1	3.520	7407844

For mounting on the MTU 2 and MTU 3 mounting supports for strain relief of incoming connection cables.

Support plates

Support plate 2 x type A for mounting support

VA

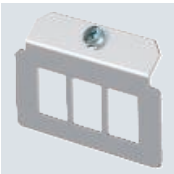


Type	Pack Piece	Weight kg/100 pc.	Item no.
MTM 2A	1	3.680	7407780

Support plate to accept two data connection modules of the following types: AMP TYCO: Standard 110Connect, SL series 110Connect and Toolless, AMP-Twist; Brand-Rex: unshielded; GG45; TKM RJ MOD; Nexans: LANmark with Adapter Clip; Siemon CAT6.
Dimensions of a mounting opening in mm: 20.10 x 14.80.

Support plate 3 x type A for mounting support

VA



Type	Pack Piece	Weight kg/100 pc.	Item no.
MTM 3A	1	3.320	7407820

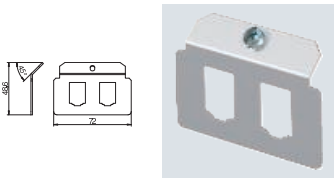
Support plate to accept three data connection modules of the following types: AMP TYCO: SL series 110Connect and Toolless, AMP-Twist; Brand-Rex: unshielded; GG45; TKM RJ MOD; Nexans: LANmark with Adapter Clip.
Dimensions of a mounting opening in mm: 20.10 x 14.80.

VA

Support plate 2 x type B for mounting support

Type	Pack Piece	Weight kg/100 pc.	Item no.
MTM 2B	1	2.600	7407784

Support plate to accept two connection modules for data connection modules of the following types BTR: E-DAT; Dätwyler: MS and MS-N; Kerpen: VarioKeystone.
Dimensions of a mounting opening in mm: 19.35/21.55 x 14.85.

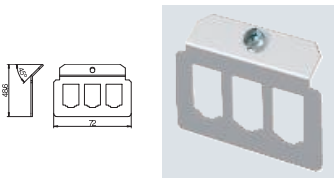


VA

Support plate 3 x type B for mounting support

Type	Pack Piece	Weight kg/100 pc.	Item no.
MTM 3B	1	2.400	7407824

Support plate to accept three connection sockets for data connection modules of the following types BTR: E-DAT; Dätwyler: MS and MS-N; Kerpen: VarioKeystone.
Dimensions of a mounting opening in mm: 19.35/21.55 x 14.85.

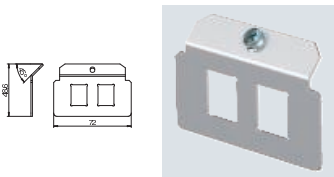


VA

Support plate 2 x type C for mounting support

Type	Pack Piece	Weight kg/100 pc.	Item no.
MTM 2C	1	3.820	7407788

Support plate to accept two data connection modules of the following types: Brand-Rex: shielded; EKU: E-Stone; Dätwyler: KS-T, MS-K and KU-T module; R&M: Snap-In and Keystone; Rutenbeck: UM and UMflex; SETEC: MKJ, UKJ and XKJ; Siemon TERA; Telegärtner: AMJ and UMJ; 3M: CAT6 and CAT6A.
Dimensions of a mounting opening in mm: 19.30 x 14.80.

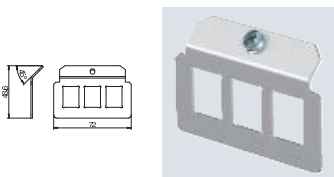


VA

Support plate 3 x type C for mounting support

Type	Pack Piece	Weight kg/100 pc.	Item no.
MTM 3C	1	3.360	7407828

Support plate to accept three data connection modules of the following types: Brand-Rex: shielded; EKU: E-Stone; Dätwyler: KS-T, MS-K and KU-T module; R&M: Snap-In and Keystone; Rutenbeck: UM and UMflex; SETEC: UKJ and XKJ; Siemon TERA; Telegärtner: AMJ and UMJ; 3M: CAT6 and CAT6A.
Dimensions of a mounting opening in mm: 19.30 x 14.80.

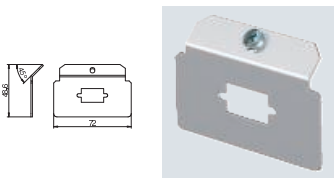


VA

Support plate 1 x type D for mounting support

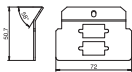
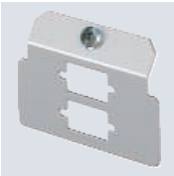
Type	Pack Piece	Weight kg/100 pc.	Item no.
MTM 1D	1	4.050	7407768

Support plate to accept a data, audio or video technology connection socket, type D-Sub 9.



Support plate 2 x type D for mounting support

VA

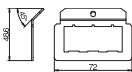
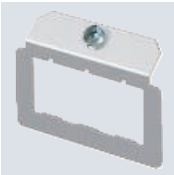


Type	Pack Piece	Weight kg/100 pc.	Item no.
MTM 2D	1	3.400	7407790

Support plate to accept two data, audio or video technology connection sockets, type D-Sub 9.

Support plate 3 x type E for mounting support

VA

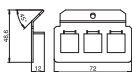
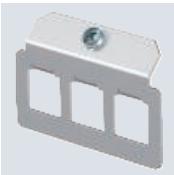


Type	Pack Piece	Weight kg/100 pc.	Item no.
MTM 3E	1	2.320	7407832

Support plate to accept three data connection modules, type Corning.
Dimensions of a mounting opening in mm: 22.80 x 18.00.

Support plate 3 x type F for mounting support

VA

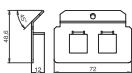
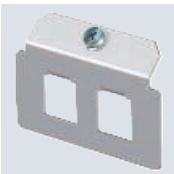


Type	Pack Piece	Weight kg/100 pc.	Item no.
MTM 3F	1	3.400	7407833

Support plate to accept three data connection modules, type Avaya/Systimax: M series.
Dimensions of a mounting opening in mm: 17.40 x 16.60.

Support plate 2 x type F for mounting support

VA

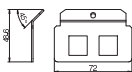
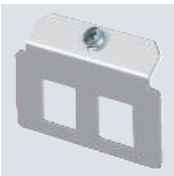


Type	Pack Piece	Weight kg/100 pc.	Item no.
MTM 2F	1	4.030	7407792

Support plate to accept two data connection modules, type Avaya/Systimax: M series.
Dimensions of a mounting opening in mm: 17.40 x 16.60.

Support plate 2 x type H for mounting support

VA



Type	Pack Piece	Weight kg/100 pc.	Item no.
MTM 2H	1	2.850	7407800

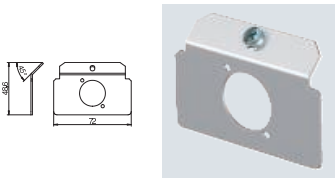
Support plate to accept two data connection modules, type 3M.
Dimensions of a mounting opening in mm: 17.90 x 17.00.

VA

Support plate 1 x type K for mounting support

Type	Pack Piece	Weight kg/100 pc.	Item no.
MTM 1K	1	3.120	7407776

Support plate for installation of one connection socket for audio/video systems of type XLR SPEAK-ON, type D.

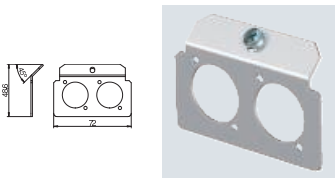


VA

Support plate 2 x type K for mounting support

Type	Pack Piece	Weight kg/100 pc.	Item no.
MTM 2K	1	3.760	7407804

Support plate for installation of two connection sockets for audio/video systems of type XLR SPEAK-ON, type D.

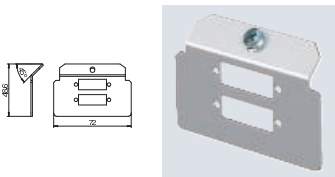


VA

Support plate 2 x type L for mounting support

Type	Pack Piece	Weight kg/100 pc.	Item no.
MTM 2L	1	3.760	7407808

Support plate to accept two pass-through sockets, type LWL SCDuplex.
Dimensions of a mounting opening in mm: 9.70 x 26.00.

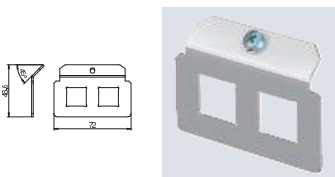


VA

Support plate 2 x type LE for mounting support

Type	Pack Piece	Weight kg/100 pc.	Item no.
MTM 2LE	1	3.300	7407798

Support plate to accept two data connection modules of the following types: LexCom 125 and 250.
Dimensions of a mounting opening in mm: 18.30 x 17.20.

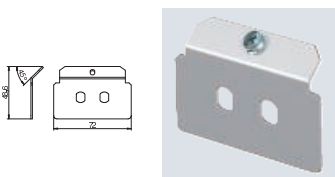


VA

Support plate 2 x type M for mounting support

Type	Pack Piece	Weight kg/100 pc.	Item no.
MTM 2M	1	4.290	7407812

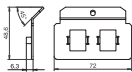
Support plate to accept two pass-through sockets, type LWL ST.



Support plates

Support plate 2 x type N for mounting support

VA

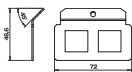
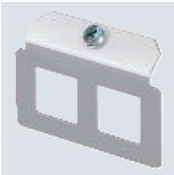


Type	Pack Piece	Weight kg/100 pc.	Item no.
MTM 2N	1	4.290	7407816

Support plate to accept two data connection sockets, type Krone Modul.
Dimensions of a mounting opening in mm: 19.40 x 14.90.

Support plate 2 x type P for mounting support

St FS

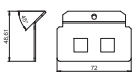
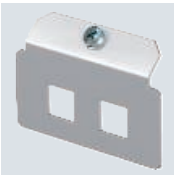


Type	Pack Piece	Weight kg/100 pc.	Item no.
MTM 2P	1	2.600	7407817

Support plate to accept two data connection sockets, type Panduit in combination with Panduit adapter CMNZABL-X or CMNZAWH-X.
Dimensions of a mounting opening in mm: 19.8 x 21.2.

Support plate 2 x type Q for mounting support

VA

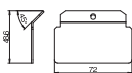


Type	Pack Piece	Weight kg/100 pc.	Item no.
MTM 2Q	1	3.800	7407818

Support plate to accept two fibre optic cable connection sockets, type Systemax.
Dimensions of a mounting opening in mm: 13.15 x 13.10.

Support plate, blank, for mounting support

St FS



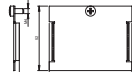
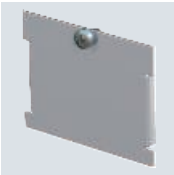
Type	Pack Piece	Weight kg/100 pc.	Item no.
MTM 0	1	6.330	7407764

"Blank" support plate for construction-side manufacture of a mounting opening for installation of connection sockets for data, audio or video systems.

Covers

Blanking cover for mounting support

St FS



Type	Pack Piece	Weight kg/100 pc.	Item no.
MTU B	1	2.900	7407047

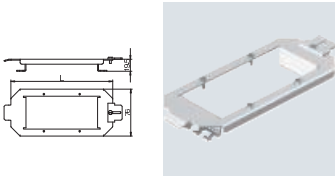
Blanking cover to close off an unused mounting slot for a support plate.

VA

Mounting support – MT2 2ACO

Type	Pack Piece	Weight kg/100 pc.	Item no.
MT2 2ACO	1	13.400	7407688

Mounting support for installation of two or three data modules of type ACO (only with Insta Kit UF 60 from AMP Tyco). Use instead of a GB2 or GB3 mounting box.

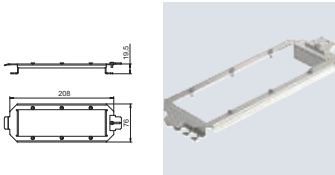


VA

Mounting support – MT3 3ACO

Type	Pack Piece	Weight kg/100 pc.	Item no.
MT3 3ACO	1	14.210	7407712

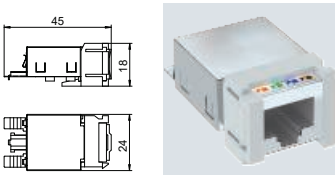
Mounting support for installation of two data modules of type ACO (only with Insta Kit UF 60 from AMP Tyco). Use instead of a GB2 mounting box.



Connection module Cat. 5, shielded, snap-in

Type	Pack Piece	Weight kg/100 pc.	Item no.
ASM-C5 GS	1	1.920	6117343

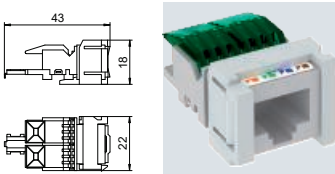
Connection module Cat. 5e shielded, with an RJ45 slot. Including an EMC screen hood, a dust cover, a cable tie, a snap-in fastening frame and mounting instructions. Suitable for installation in support plates, type MTM 2C and MTM 3C, mounting plate type MPR2 2C, mounting support type MTGE2 2C, MTGE2 15 2C and MTGE2 F 2C.



Connection module Cat. 5, unshielded, snap-in

Type	Pack Piece	Weight kg/100 pc.	Item no.
ASM-C5 S	1	1.120	6117347

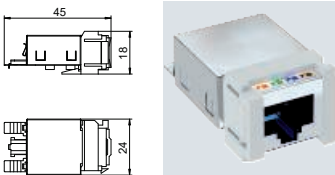
Connection module Cat. 5e unshielded, with a RJ45 slot. Including a dust cover, a cable tie, a snap-in fastening frame and mounting instructions. Suitable for installation in support plates, type MTM 2C and MTM 3C, mounting plate type MPR2 2C, mounting support type MTGE2 2C, MTGE2 15 2C and MTGE2 F 2C.



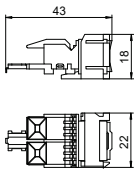
Connection module Cat. 6, shielded, snap-in

Type	Pack Piece	Weight kg/100 pc.	Item no.
ASM-C6 GS	1	1.850	6117345

Connection module Cat. 6 shielded, with an RJ45 slot. Including an EMC screen hood, a dust cover, a cable tie, a snap-in fastening frame and mounting instructions. Suitable for installation in support plates, type MTM 2C and MTM 3C, mounting plate type MPR2 2C, mounting support type MTGE2 2C, MTGE2 15 2C and MTGE2 F 2C.



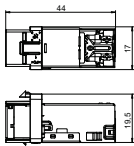
Connection module Cat. 6, unshielded, snap-in



Type	Pack		Weight		Item no.
	Piece	kg/100 pc.	Piece	kg/100 pc.	
ASM-C6 S	1	1.060			6117349

Connection module Cat. 6 unshielded, with an RJ45 slot. Including a dust cover, a cable tie, a snap-in fastening frame and mounting instructions. Suitable for installation in support plates, type MTM 2C and MTM 3C, mounting plate type MPR2 2C, mounting support type MTGE2 2C, MTGE2 15 2C and MTGE2 F 2C.

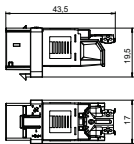
Connection module Cat. 6A, shielded, Keystone



Type	Pack		Weight		Item no.
	Piece	kg/100 pc.	Piece	kg/100 pc.	
ASM-C6A G	1	1.630			6117346

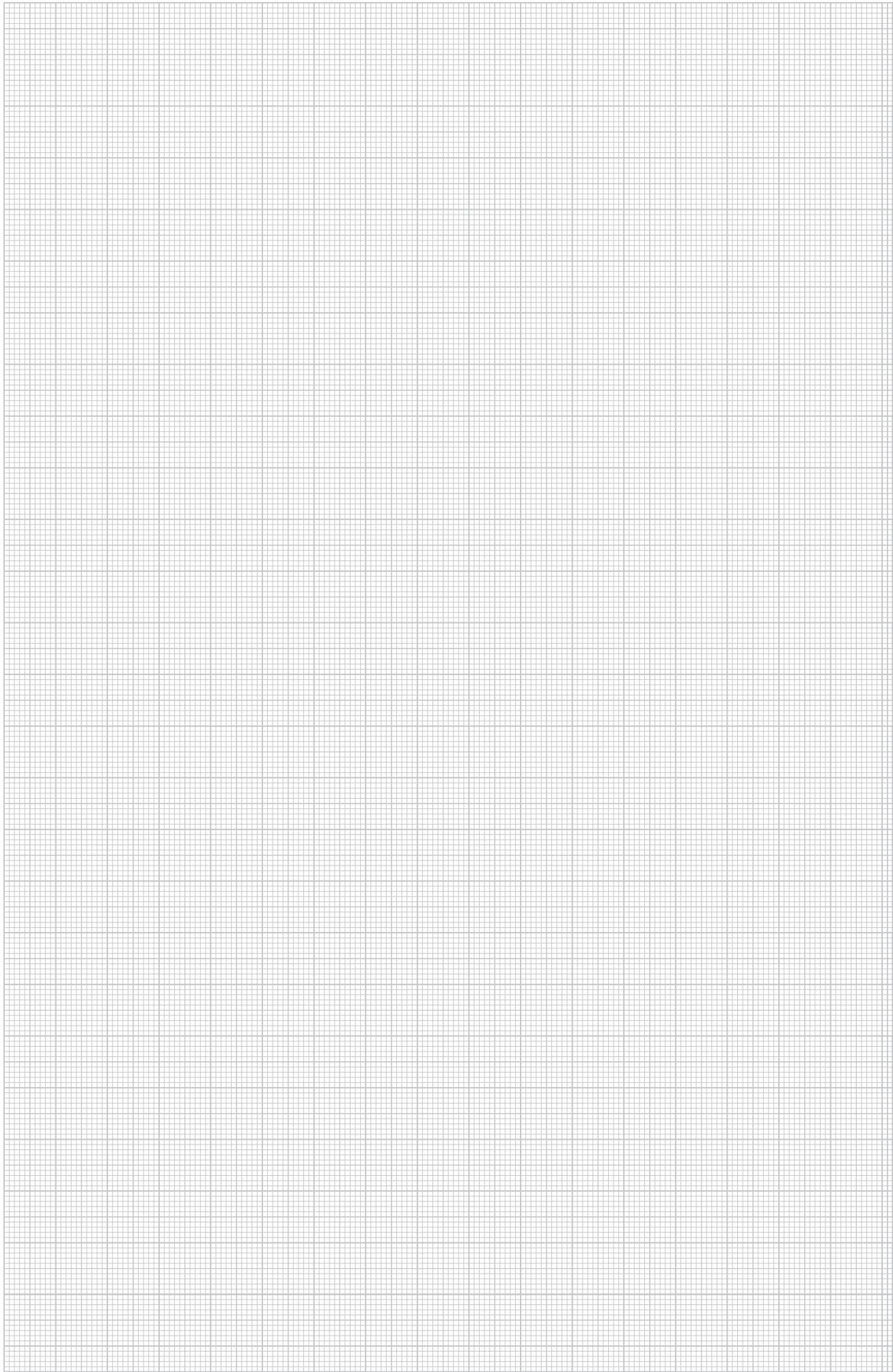
Connection module Cat. 6A (ISO) shielded, with an RJ45 slot. Including an EMC screen hood, a dust cover, a cable tie, a Keystone fastening frame and mounting instructions. Suitable for installation in the data technology supports of type DTG-2C and DTS-2C, support plate of type MTM 2C and MTM 3C, mounting plate of type MPR2 2C, mounting supports of type MTGE2 2C, MTGE2 15 2C and MTGE2 F 2C.

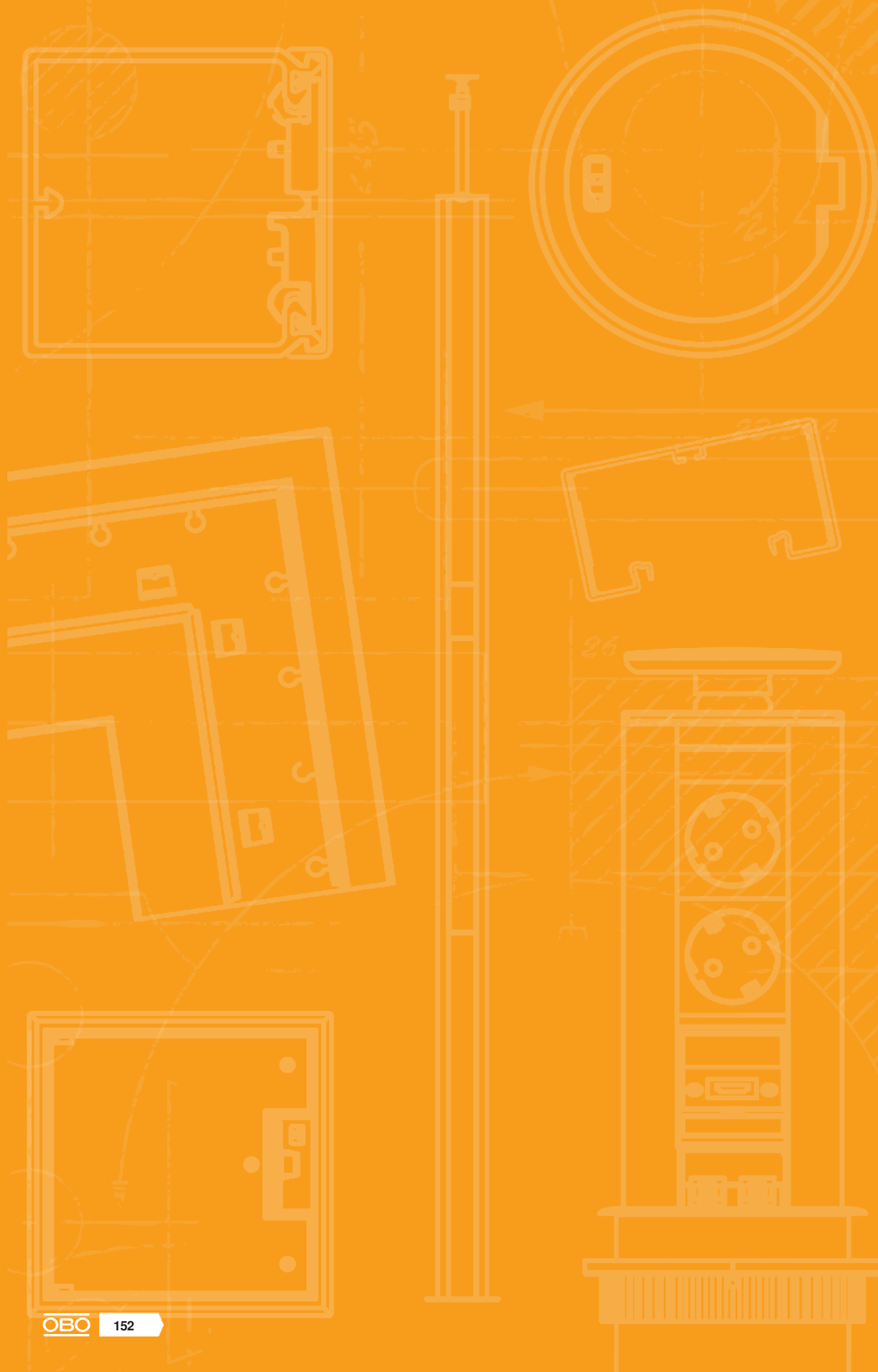
Connection module Cat. 6A, unshielded, keystone



Type	Pack		Weight		Item no.
	Piece	kg/100 pc.	Piece	kg/100 pc.	
ASM-C6A	1	1.050			6117348

Connection module Cat. 6A (ISO) unshielded, with an RJ45 slot. Including a dust cover, a cable tie, a Keystone fastening frame and mounting instructions. Suitable for installation in the data technology supports of type DTG-2C and DTS-2C, support plate of type MTM 2C and MTM 3C, mounting plate of type MPR2 2C, mounting supports of type MTGE2 2C, MTGE2 15 2C and MTGE2 F 2C.



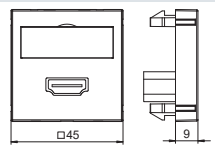


Multimedia

	HDMI	154
	USB	156
	VGA	158
	Antenna	160
	D-Sub	162
	Cinch	166
	DVI	170
	XLR	172
	Speakon	174
	BNC	176
	Cinch	178



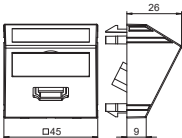
HDMI connection, 1 module, straight outlet, as screw connection

				
	Type	MTG-HD S RW1	MTG-HD S SWGR1	MTG-HD S AL1
	Colour	Pure white	Black-grey	Aluminium-painted
	Pack Piece	1	1	1
	Weight kg/100 pc.	3.200	3.200	3.200
Item no.	6104802	6104805	6104808	
PC Polycarbonate				

Multimedia support with one HDMI connection socket, straight cable outlet, with labelling panel, HDMI socket with screw connection. Support plate with locking fastening, suitable for horizontal and vertical installation in the system environment.

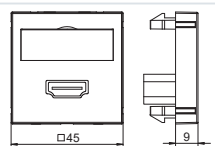
Note: Due to the device dimensions, device installation in Rapid 45 device installation trunking and ISSR..45 / ISSD..45 service poles is not possible.

HDMI connection, 1 module, slanting outlet, as screw connection

			
Type	MTS-HD S RW1	MTS-HD S SWGR1	MTS-HD S AL1
Colour	Pure white	Black-grey	Aluminium-painted
Pack Piece	1	1	1
Weight kg/100 pc.	3.400	3.400	3.400
Item no.	6104814	6104817	6104820
PC Polycarbonate			

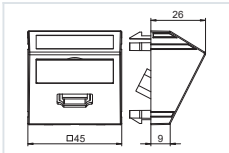
Multimedia support with one HDMI connection socket, slanting cable outlet, with labelling panel, HDMI socket with screw connection. Support plate with locking fastening, suitable for horizontal and vertical installation in the system environment.

HDMI connection, 1 module, straight outlet, with connection cable

				
Type	MTG-HD F RW1	MTG-HD F SWGR1	MTG-HD F AL1	
Colour	Pure white	Black-grey	Aluminium-painted	
Pack Piece	1	1	1	
Weight kg/100 pc.	6.000	6.000	6.000	
Item no.	6104826	6104829	6104832	
PC Polycarbonate				

Multimedia support with one HDMI connection socket, straight cable outlet, with labelling panel, short HDMI connection cable, socket-socket version. Support plate with locking fastening, suitable for horizontal and vertical installation in the system environment.

HDMI connection, 1 module, slanting outlet, with connection cable



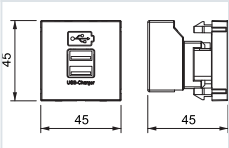
Type	MTS-HD F RW1	MTS-HD F SWGR1	MTS-HD F AL1
Colour	Pure white	Black-grey	Aluminium-painted
Pack Piece	1	1	1
Weight kg/100 pc.	6.200	6.200	6.200
Item no.	6104838	6104841	6104844

PC Polycarbonate

Multimedia support with one HDMI connection socket, slanting cable outlet, with labelling panel, short HDMI connection cable, socket-socket version. Support plate with locking fastening, suitable for horizontal and vertical installation in the system environment.



USB charging device



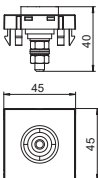
Type	MTG-2UC2.1 RW1	MTG-2UC2.1 SWGR1	MTG-2UC2.1 AL1
Colour	Pure white	Black-grey	Aluminium-painted
Pack Piece	1	1	1
Weight kg/100 pc.	6.162	5.500	5.500
Item no.	6105300	6105302	6105304

PC Polycarbonate

USB charging device with two USB type A sockets, for charging 1–2 mobile devices, maximum charging current 1x 2,100 mA or 2x 1,050 mA.

Equipotential bonding socket, 1 module, straight outlet

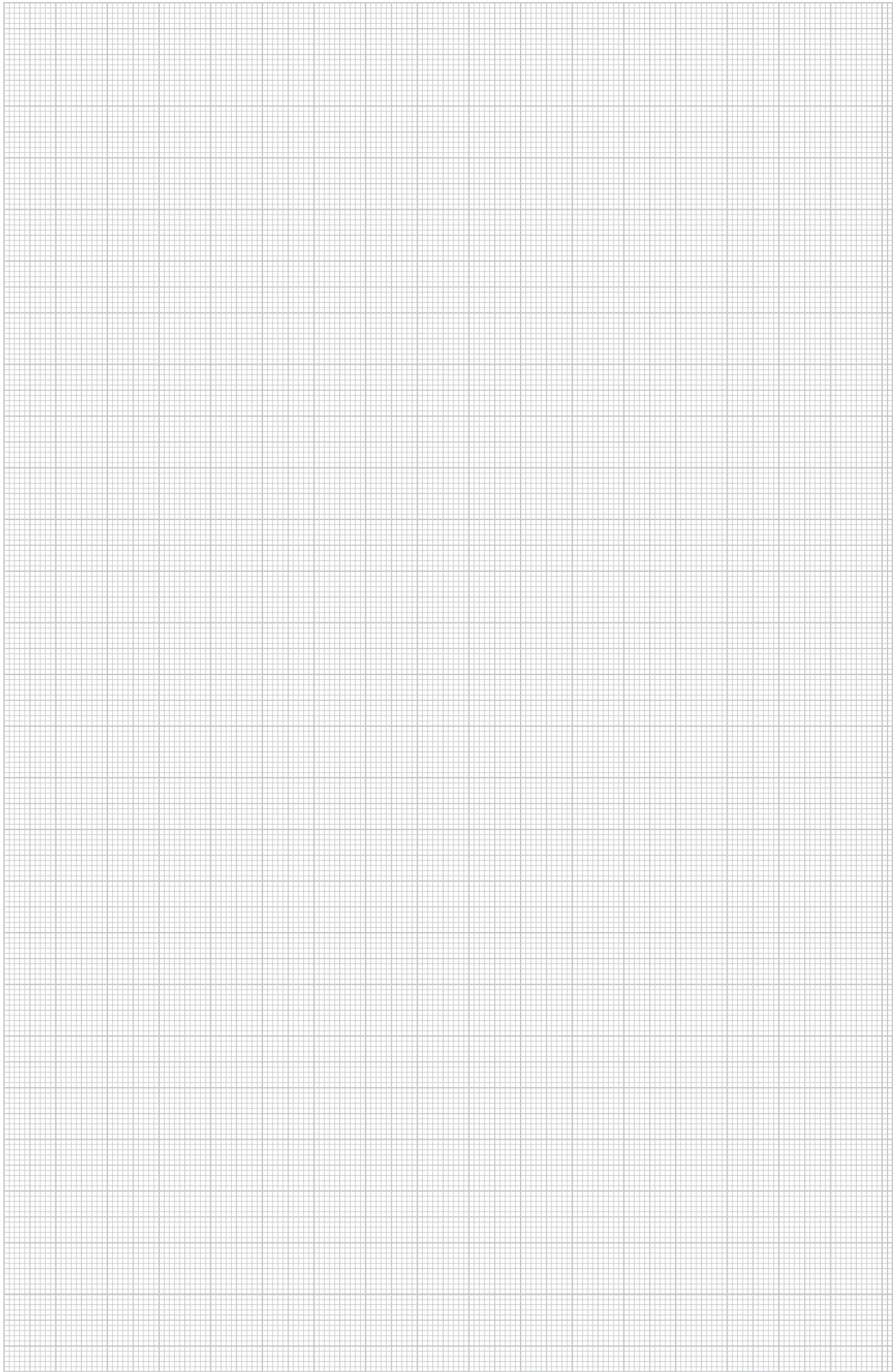
PC



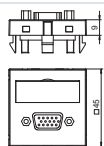
Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
PAD-ID6 RW1	Pure white	1	5.000	6120003
PAD-ID6 SWGR1	Black-grey	1	5.000	6120001

Equipotential bonding socket to DIN 42801, socket in black with green-yellow colour ring, cable connection to rear with M6 screw bolt, including two nuts, washers and a serrated washer.



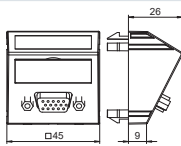


VGA connection, 1 module, straight outlet, as screw connection

				
	Type	MTG-VGA S RW1	MTG-VGA S SWGR1	MTG-VGA S AL1
	Colour	Pure white	Black-grey	Aluminium-painted
	Pack Piece	1	1	1
	Weight kg/100 pc.	2.400	2.400	2.400
Item no.	6104610	6104613	6104616	
 Polycarbonate				

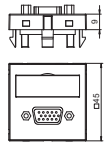
Multimedia support with one VGA connection socket, straight cable outlet, with labelling panel, VGA socket (HD15) with screw connection. Support plate with locking fastening, suitable for horizontal and vertical installation in the system environment.

VGA connection, 1 module, slanting outlet, as screw connection

			
Type	MTS-VGA S RW1	MTS-VGA S SWGR1	MTS-VGA S AL1
Colour	Pure white	Black-grey	Aluminium-painted
Pack Piece	1	1	1
Weight kg/100 pc.	2.600	2.600	2.600
Item no.	6104622	6104625	6104628
 Polycarbonate			

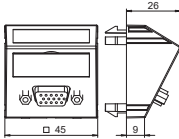
Multimedia support with one VGA connection socket, slanting cable outlet, with labelling panel, VGA socket (HD15) with screw connection. Support plate with locking fastening, suitable for horizontal and vertical installation in the system environment.

VGA connection, 1 module, straight outlet, with connection cable

			
Type	MTG-VGA F RW1	MTG-VGA F SWGR1	MTG-VGA F AL1
Colour	Pure white	Black-grey	Aluminium-painted
Pack Piece	1	1	1
Weight kg/100 pc.	5.200	5.200	5.200
Item no.	6104658	6104661	6104664
 Polycarbonate			

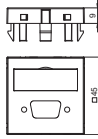
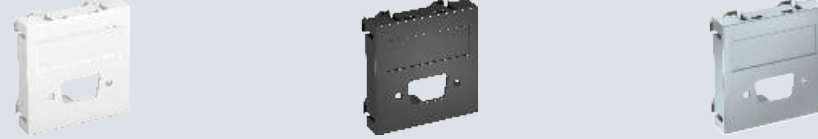
Multimedia support with one VGA connection socket, straight cable outlet, with labelling panel, short VGA connection cable (HD15), socket-socket version. Support with locking fastening, suitable for horizontal and vertical installation in the system environment.

VGA connection, 1 module, slanting outlet, with connection cable

				
	Type	MTS-VGA F RW1	MTS-VGA F SWGR1	MTS-VGA F AL1
	Colour	Pure white	Black-grey	Aluminium-painted
	Pack Piece	1	1	1
	Weight kg/100 pc.	6.063	5.400	5.400
Item no.	6104670	6104673	6104676	
 Polycarbonate				

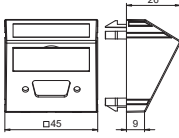
Multimedia support with one VGA connection socket, slanting cable outlet, with labelling panel, short VGA connection cable (HD15), socket-socket version. Support with locking fastening, suitable for horizontal and vertical installation in the system environment.

Multimedia support for VGA/D-Sub9 plug connection, 1 module, straight outlet

				
	Type	MTG-DB O RW1	MTG-DB O SWGR1	MTG-DB O AL1
	Colour	Pure white	Black-grey	Aluminium-painted
	Pack Piece	1	1	1
	Weight kg/100 pc.	0.700	0.700	0.700
Item no.	6104706	6104709	6104712	
 Polycarbonate				

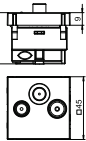
Multimedia support for a VGA / D-Sub9 plug connector, straight cable outlet, with labelling panel, without plug connector. Support plate with locking fastening, suitable for horizontal and vertical installation in the system environment.

Multimedia support for VGA/D-Sub9 plug connector, 1 module, slanting outlet

				
	Type	MTS-DB O RW1	MTS-DB O SWGR1	MTS-DB O AL1
	Colour	Pure white	Black-grey	Aluminium-painted
	Pack Piece	1	1	1
	Weight kg/100 pc.	0.900	0.900	0.900
Item no.	6104718	6104721	6104724	
 Polycarbonate				

Multimedia support for a VGA / D-Sub9 plug connector, slanting cable outlet, with labelling panel, without plug connector. Support plate with locking fastening, suitable for horizontal and vertical installation in the system environment.

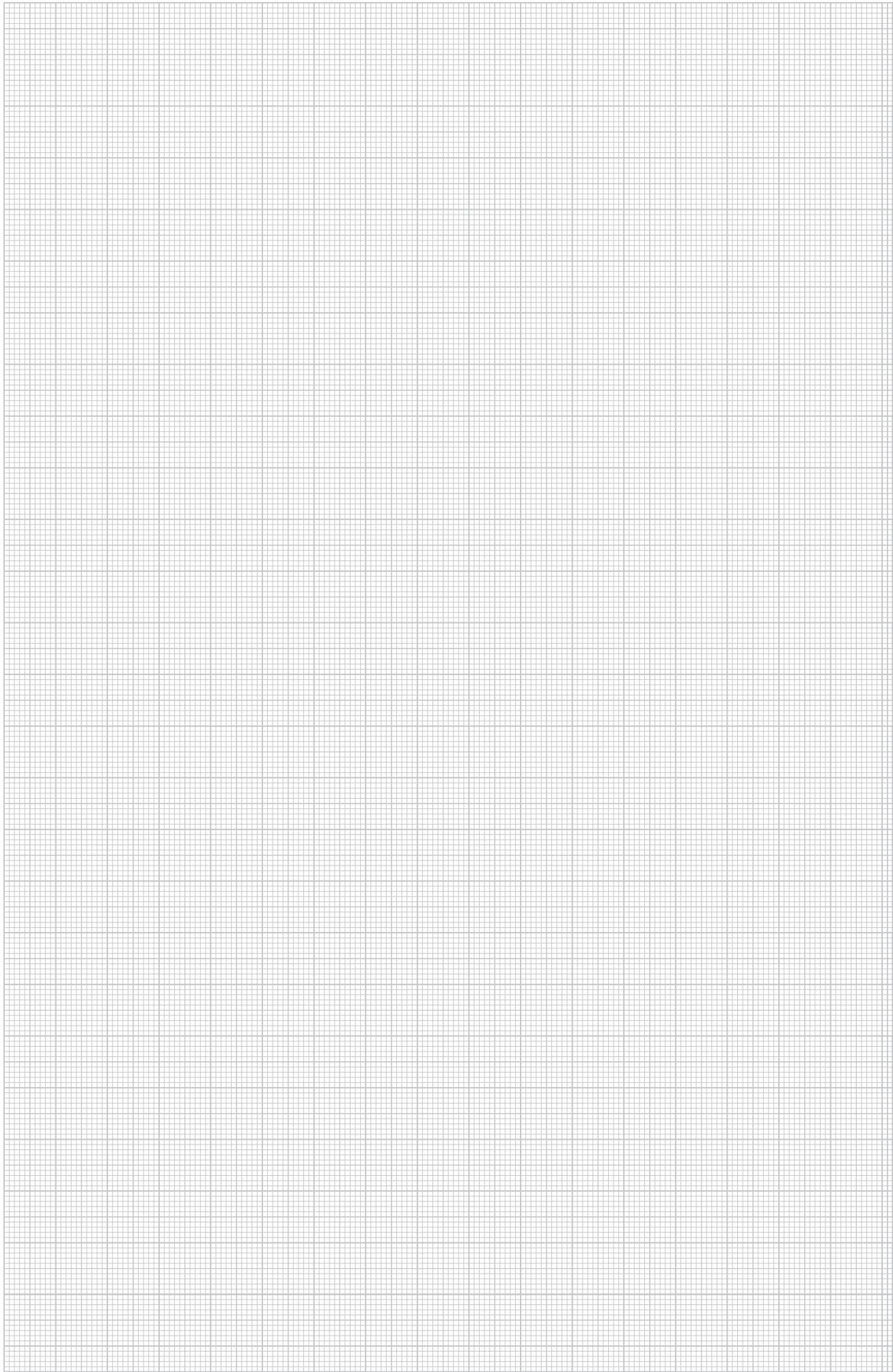
Antenna connection, 1 module, TV/radio/SAT, antenna socket

			
			
Type	ANT-3SD RW1	ANT-3SD SWGR1	ANT-3SD AL1
Colour	Pure white	Black-grey	Aluminium-painted
Pack Piece	1	1	1
Weight kg/100 pc.	11.596	11.596	11.000
Item no.	6105282	6105284	6105286
 Polycarbonate			

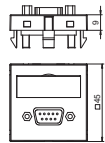
Socket for antenna, BK and satellite reception systems with connection for TV and radio.

Frequency: 5–2150 MHz
Heat attenuation: 5-862 MHz - 1dB
950-2150 MHz - 2 dB
Return channel attenuation: 14 dB
EMC protection class A



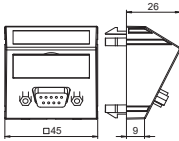


D-Sub9 connection, 1 module, straight outlet, as screw connection

												
	Type			MTG-DB9 S RW1			MTG-DB9 S SWGR1			MTG-DB9 S AL1		
	Colour			Pure white			Black-grey			Aluminium-painted		
	Pack Piece			1			1			1		
	Weight kg/100 pc.			2.400			2.400			2.400		
	Item no.			6104634			6104637			6104640		
PC Polycarbonate												

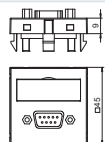
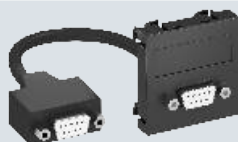
Multimedia support with one D-Sub9 connection socket, straight cable outlet, with labelling panel, D-Sub9 socket (RS232) with screw connection. Support plate with locking fastening, suitable for horizontal and vertical installation in the system environment.

D-Sub9 connection, 1 module, slanting outlet, as screw connection

												
	Type			MTS-DB9 S RW1			MTS-DB9 S SWGR1			MTS-DB9 S AL1		
	Colour			Pure white			Black-grey			Aluminium-painted		
	Pack Piece			1			1			1		
	Weight kg/100 pc.			2.600			2.600			2.600		
	Item no.			6104646			6104649			6104652		
 Polycarbonate												

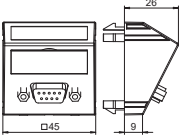
Multimedia support with one D-Sub9 connection socket, slanting cable outlet, with labelling panel, D-Sub9 socket (RS232) with screw connection. Support plate with locking fastening, suitable for horizontal and vertical installation in the system environment.

D-Sub9 connection, 1 module, straight outlet, with connection cable

									
Type	MTG-DB9 F RW1			MTG-DB9 F SWGR1			MTG-DB9 F AL1		
Colour	Pure white			Black-grey			Aluminium-painted		
Pack Piece	1			1			1		
Weight kg/100 pc.	5.200			5.200			5.200		
Item no.	6104682			6104685			6104688		
PC Polycarbonate									

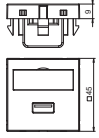
Multimedia support with one D-Sub9 connection socket, straight cable outlet, with labelling panel, short D-Sub9 connection cable (RS232), socket-socket version. Support with locking fastening, suitable for horizontal and vertical installation in the system environment.

D-Sub9 connection, 1 module, slanting outlet, with connection cable

			
			
Type	MTS-DB9 F RW1	MTS-DB9 F SWGR1	MTS-DB9 F AL1
Colour	Pure white	Black-grey	Aluminium-painted
Pack Piece	1	1	1
Weight kg/100 pc.	5.400	5.400	5.400
Item no.	6104694	6104697	6104700
PC Polycarbonate			

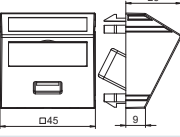
Multimedia support with one D-Sub9 connection socket, slanting cable outlet, with labelling panel, short D-Sub9 connection cable (RS232), socket-socket version. Support with locking fastening, suitable for horizontal and vertical installation in the system environment.

USB 2.0/3.0 connection, 1 module, straight outlet, as screw connection

			
			
Type	MTG-U3A S RW1	MTG-U3A S SWGR1	MTG-U3A S AL1
Colour	Pure white	Black-grey	Aluminium-painted
Pack Piece	1	1	1
Weight kg/100 pc.	2.500	2.500	2.500
Item no.	6104874	6104877	6104880
PC Polycarbonate			

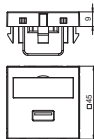
Multimedia support with one USB 3.0 connection socket, straight cable outlet, with labelling panel, USB 3.0 type A socket with screw connection. Support plate with locking fastening, suitable for horizontal and vertical installation in the system environment.

USB 2.0/3.0 connection, 1 module, slanting outlet, as screw connection

			
			
Type	MTS-U3A S RW1	MTS-U3A S SWGR1	MTS-U3A S AL1
Colour	Pure white	Black-grey	Aluminium-painted
Pack Piece	1	1	1
Weight kg/100 pc.	2.700	2.700	2.700
Item no.	6104886	6104889	6104892
PC Polycarbonate			

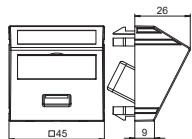
Multimedia support with one USB 3.0 connection socket, slanting cable outlet, with labelling panel, USB 3.0 type A socket with screw connection. Support plate with locking fastening, suitable for horizontal and vertical installation in the system environment.

USB 2.0/3.0 connection, 1 module, straight outlet, with connection cable

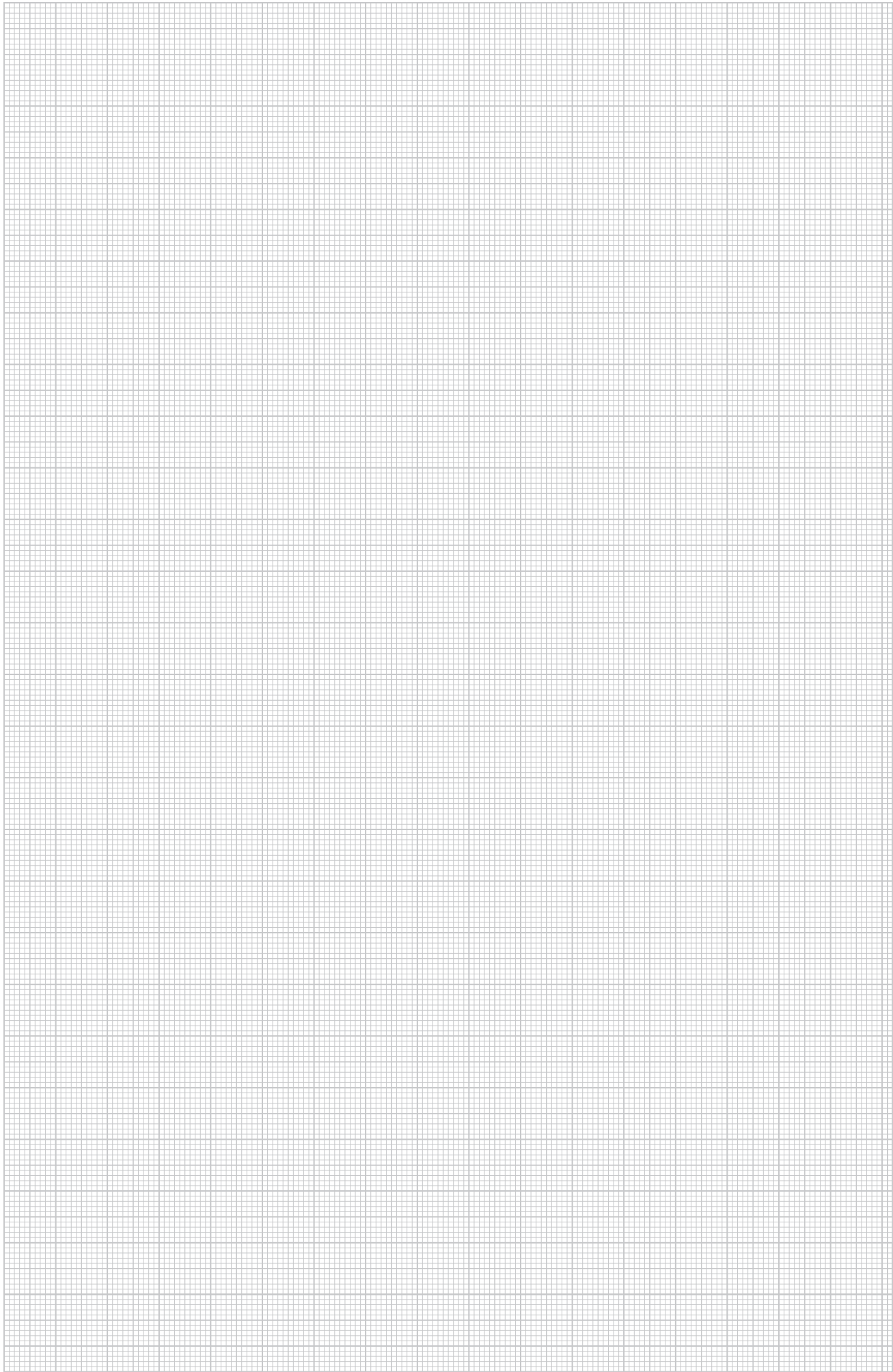
			
Type	MTG-U3A F RW1	MTG-U3A F SWGR1	MTG-U3A F AL1
Colour	Pure white	Black-grey	Aluminium-painted
Pack Piece	1	1	1
Weight kg/100 pc.	6.000	6.000	6.000
Item no.	6104922	6104925	6104928
PC Polycarbonate			

Multimedia support with one USB 3.0 connection socket, straight cable outlet, with labelling panel, short USB 3.0 type A connection cable, socket-socket version. Support plate with locking fastening, suitable for horizontal and vertical installation in the system environment.

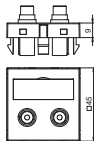
USB 2.0/3.0 connection, 1 module, slanting outlet, with connection cable

			
Type	MTS-U3A F RW1	MTS-U3A F SWGR1	MTS-U3A F AL1
Colour	Pure white	Black-grey	Aluminium-painted
Pack Piece	1	1	1
Weight kg/100 pc.	6.200	6.200	6.200
Item no.	6104934	6104937	6104940
PC Polycarbonate			

Multimedia support with one USB 3.0 connection socket, slanting cable outlet, with labelling panel, short USB 3.0 type A connection cable, socket-socket version. Support plate with locking fastening, suitable for horizontal and vertical installation in the system environment.

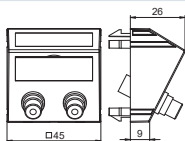


Audio cinch connection, 1 module, straight outlet, as 1:1 coupling

	  			
	Type	MTG-2R F RW1	MTG-2R F SWGR1	MTG-2R F AL1
	Colour	Pure white	Black-grey	Aluminium-painted
	Pack Piece	1	1	1
	Weight kg/100 pc.	2.500	2.500	2.500
Item no.	6105066	6105069	6105072	
PC Polycarbonate				

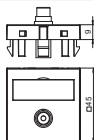
Multimedia support with two cinch connection sockets for audio R/L, straight cable outlet, with labelling panel, two cinch couplings (RCA), socket-socket version, colour coding red/white. Support plate with locking fastening, suitable for horizontal and vertical installation in the system environment.

Audio cinch connection, 1 module, slanting outlet, as 1:1 coupling

			
Type	MTS-2R F RW1	MTS-2R F SWGR1	MTS-2R F AL1
Colour	Pure white	Black-grey	Aluminium-painted
Pack Piece	1	1	1
Weight kg/100 pc.	2.700	2.700	2.700
Item no.	6105078	6105081	6105084
PC Polycarbonate			

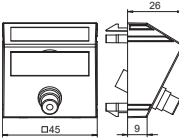
Multimedia support with two cinch connection sockets for audio R/L, slanting cable outlet, with labelling panel, two cinch couplings (RCA), socket-socket version, colour coding red/white. Support plate with locking fastening, suitable for horizontal and vertical installation in the system environment.

Video cinch connection, 1 module, straight outlet, as 1:1 coupling

			
Type	MTG-R F RW1	MTG-R F SWGR1	MTG-R F AL1
Colour	Pure white	Black-grey	Aluminium-painted
Pack Piece	1	1	1
Weight kg/100 pc.	1.500	1.500	1.500
Item no.	6104994	6104997	6105000
PC Polycarbonate			

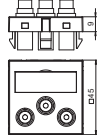
Multimedia support with one cinch connection socket for composite video, straight cable outlet, with labelling panel, cinch coupling (RCA), socket-socket version, colour coding yellow. Support plate with locking fastening, suitable for horizontal and vertical installation in the system environment.

Video cinch connection, 1 module, slanting outlet, as 1:1 coupling

			
Type	MTS-R F RW1	MTS-R F SWGR1	MTS-R F AL1
Colour	Pure white	Black-grey	Aluminium-painted
Pack Piece	1	1	1
Weight kg/100 pc.	1.700	1.700	1.700
Item no.	6105006	6105009	6105012
			

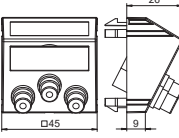
Multimedia support with one cinch connection socket for composite video, slanting cable outlet, with labelling panel, cinch coupling (RCA), socket-socket version, colour coding yellow. Support plate with locking fastening, suitable for horizontal and vertical installation in the system environment.

Component video connection, 1 module, straight outlet, as 1:1 coupling

				
	Type	MTG-3R F RW1	MTG-3R F SWGR1	MTG-3R F AL1
	Colour	Pure white	Black-grey	Aluminium-painted
	Pack Piece	1	1	1
	Weight kg/100 pc.	3.200	3.200	3.200
Item no.	6105138	6105141	6105144	
				

Multimedia support with three cinch connection sockets for component video, straight cable outlet, with labelling panel, three cinch couplings (RCA), socket-socket version, colour coding red/green/blue. Support plate with locking fastening, suitable for horizontal and vertical installation in the system environment.

Component video connection, 1 module, slanting outlet, as 1:1 coupling

				
	Type	MTS-3R F RW1	MTS-3R F SWGR1	MTS-3R F AL1
	Colour	Pure white	Black-grey	Aluminium-painted
	Pack Piece	1	1	1
	Weight kg/100 pc.	3.400	3.400	3.400
Item no.	6105150	6105153	6105156	
				

Multimedia support with three cinch connection sockets for component video, slanting cable outlet, with labelling panel, three cinch couplings (RCA), socket-socket version, colour coding red/green/blue. Support plate with locking fastening, suitable for horizontal and vertical installation in the system environment.

Audio/video cinch connection, 1 module, straight outlet, as 1:1 coupling

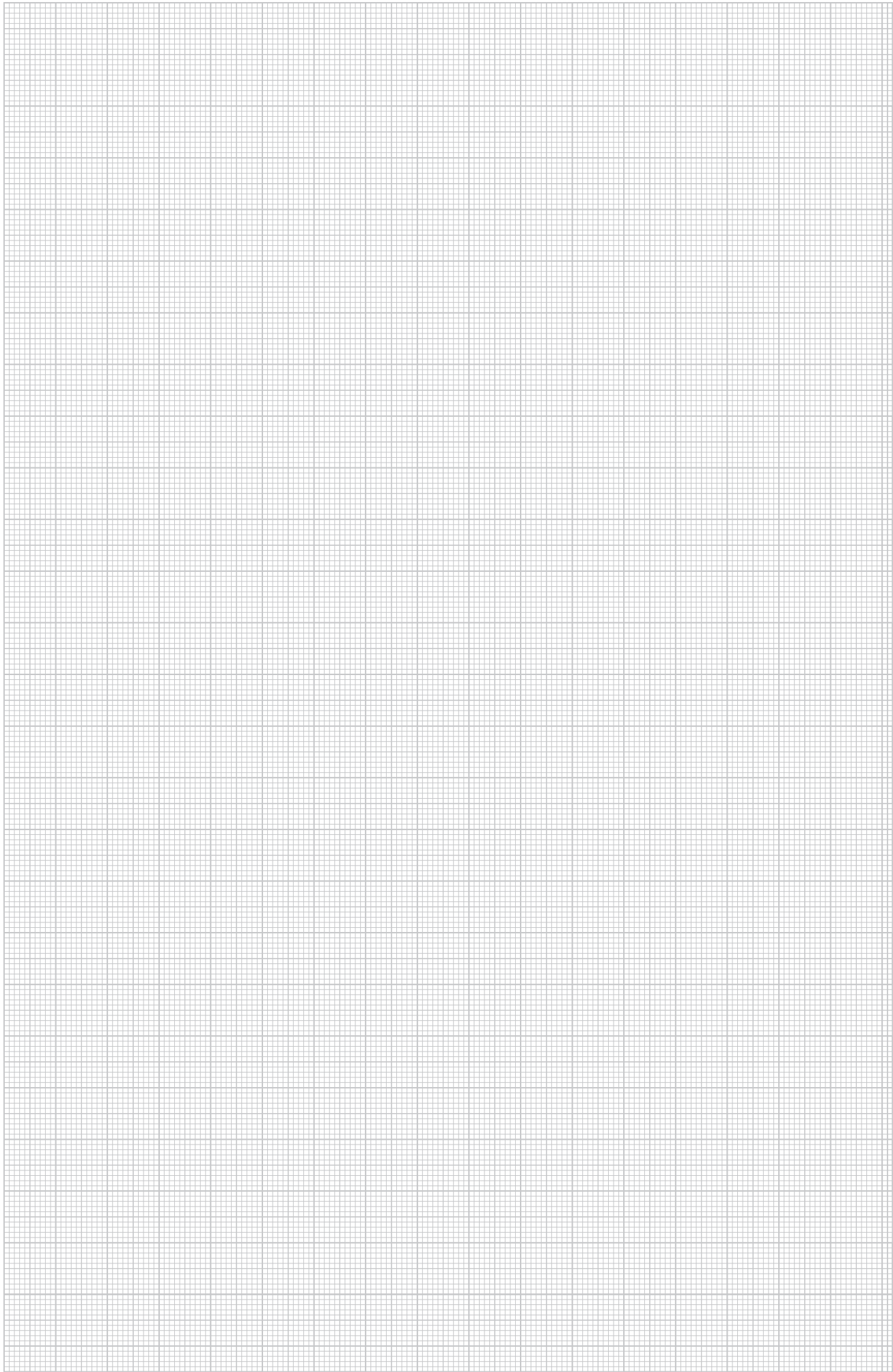
Type	MTG-12R F RW1	MTG-12R F SWGR1	MTG-12R F AL1
Colour	Pure white	Black-grey	Aluminium-painted
Pack Piece	1	1	1
Weight kg/100 pc.	3.200	3.200	3.200
Item no.	6105186	6105189	6105192
PC Polycarbonate			

Multimedia support with three cinch connection sockets for audio/video, straight cable outlet, with labelling panel, three cinch couplings (RCA), socket-socket version, colour coding yellow/red/white. Support plate with locking fastening, suitable for horizontal and vertical installation in the system environment.

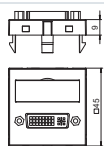
Audio/video cinch connection, 1 module, slanting outlet, as 1:1 coupling

Type	MTS-12R F RW1	MTS-12R F SWGR1	MTS-12R F AL1
Colour	Pure white	Black-grey	Aluminium-painted
Pack Piece	1	1	1
Weight kg/100 pc.	3.400	3.400	3.400
Item no.	6105198	6105201	6105204
PC Polycarbonate			

Multimedia support with three cinch connection sockets for audio/video, slanting cable outlet, with labelling panel, three cinch couplings (RCA), socket-socket version, colour coding yellow/red/white. Support plate with locking fastening, suitable for horizontal and vertical installation in the system environment.



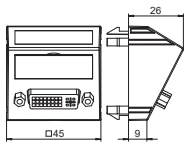
DVI-D connection, 1 module, straight outlet, as screw connection

												
	Type			MTG-DVI S RW1			MTG-DVI S SWGR1			MTG-DVI S AL1		
	Colour			Pure white			Black-grey			Aluminium-painted		
	Pack Piece			1			1			1		
	Weight kg/100 pc.			3.500			3.500			3.500		
Item no.			6104730			6104733			6104736			
 Polycarbonate												

Multimedia support with one DVI-D connection socket, straight cable outlet, with labelling panel, DVI-D socket with screw connection. Support plate with locking fastening, suitable for horizontal and vertical installation in the system environment.

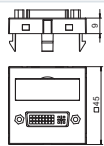
Note: Due to the device dimensions, device installation in Rapid 45 device installation trunking is not possible.

DVI-D connection, 1 module, slanting outlet, as screw connection

												
	Type			MTS-DVI S RW1			MTS-DVI S SWGR1			MTS-DVI S AL1		
	Colour			Pure white			Black-grey			Aluminium-painted		
	Pack Piece			1			1			1		
	Weight kg/100 pc.			3.700			3.700			3.700		
Item no.			6104742			6104745			6104748			
 Polycarbonate												

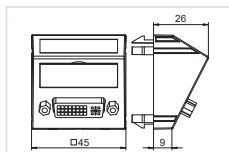
Multimedia support with one DVI-D connection socket, slanting cable outlet, with labelling panel, DVI-D socket with screw connection. Support plate with locking fastening, suitable for horizontal and vertical installation in the system environment.

DVI-I connection, 1 module, straight outlet, with connection cable

									
Type	MTG-DVI F RW1			MTG-DVI F SWGR1			MTG-DVI F AL1		
Colour	Pure white			Black-grey			Aluminium-painted		
Pack Piece	1			1			1		
Weight kg/100 pc.	6.000			6.000			6.000		
Item no.	6104754			6104757			6104760		
PC Polycarbonate									

Multimedia support with one DVI-I connection socket, straight cable outlet, with labelling panel, short DVI-I connection cable, socket-socket version. Support with locking fastening, suitable for horizontal and vertical installation in the system environment.

DVI-I connection, 1 module, slanting outlet, with connection cable

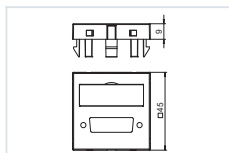


Type	MTS-DVI F RW1	MTS-DVI F SWGR1	MTS-DVI F AL1
Colour	Pure white	Black-grey	Aluminium-painted
Pack Piece	1	1	1
Weight kg/100 pc.	6.200	6.200	6.200
Item no.	6104766	6104769	6104772

PC Polycarbonate

Multimedia support with one DVI-I connection socket, slanting cable outlet, with labelling panel, short DVI-I connection cable, socket-socket version. Support with locking fastening, suitable for horizontal and vertical installation in the system environment.

Multimedia support for DVI plug connector, 1 module, straight outlet

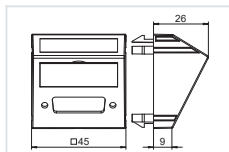


Type	MTG-DV O RW1	MTG-DV O SWGR1	MTG-DV O AL1
Colour	Pure white	Black-grey	Aluminium-painted
Pack Piece	1	1	1
Weight kg/100 pc.	0.700	0.700	0.700
Item no.	6104778	6104781	6104784

PC Polycarbonate

Multimedia support for a DVI plug connector, straight cable outlet, with labelling panel, without plug connector. Support plate with locking fastening, suitable for horizontal and vertical installation in the system environment.

Multimedia support for DVI plug connector, 1 module, slanting outlet

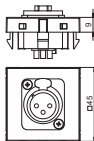
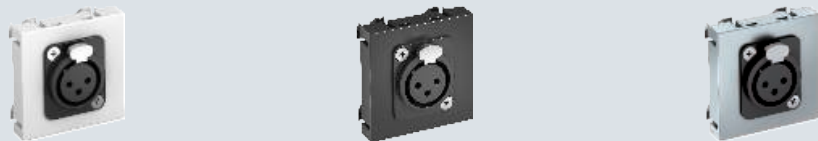


Type	MTS-DV O RW1	MTS-DV O SWGR1	MTS-DV O AL1
Colour	Pure white	Black-grey	Aluminium-painted
Pack Piece	1	1	1
Weight kg/100 pc.	0.900	0.900	0.900
Item no.	6104790	6104793	6104796

PC Polycarbonate

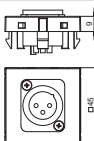
Multimedia support for a DVI plug connector, slanting cable outlet, with labelling panel, without plug connector. Support plate with locking fastening, suitable for horizontal and vertical installation in the system environment.

XL R connection, 1 module, straight outlet, 3-pin socket, as soldered connection

			
Type	MTG-X3F L RW1	MTG-X3F L SWGR1	MTG-X3F L AL1
Colour	Pure white	Black-grey	Aluminium-painted
Pack Piece	1	1	1
Weight kg/100 pc.	3.000	3.000	3.000
Item no.	6105210	6105213	6105216
PC Polycarbonate			

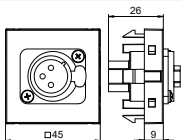
Multimedia support with one XL R connection socket, straight cable outlet, without labelling panel, 3-pin XL R socket with soldered connection. Support plate with locking fastening, suitable for horizontal and vertical installation in the system environment.

XL R connection, 1 module, straight outlet, 3-pin connector, as soldered connection

				
	Type	MTG-X3M L RW1	MTG-X3M L SWGR1	MTG-X3M L AL1
	Colour	Pure white	Black-grey	Aluminium-painted
	Pack Piece	1	1	1
	Weight kg/100 pc.	3.000	3.000	3.000
Item no.	6105222	6105225	6105228	
PC Polycarbonate				

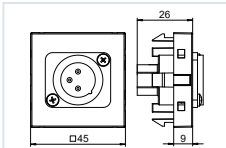
Multimedia support with one XL R connection socket, straight cable outlet, without labelling panel, 3-pin XL R connector with soldered connection. Support plate with locking fastening, suitable for horizontal and vertical installation in the system environment.

XL R connection, 1 module, straight outlet, 3-pin socket, as screw connection

			
Type	MTG-X3F S RW1	MTG-X3F S SWGR1	MTG-X3F S AL1
Colour	Pure white	Black-grey	Aluminium-painted
Pack Piece	1	1	1
Weight kg/100 pc.	3.500	3.500	3.500
Item no.	6105250	6105252	6105254
PC Polycarbonate			

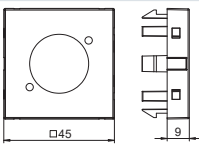
Multimedia support with one XL R connection socket, straight cable outlet, without labelling panel, 3-pin XL R socket with screw connection. Support plate with locking fastening, suitable for horizontal and vertical installation in the system environment.

XLR connection, 1 module, straight outlet, 3-pin connector, as screw connection

				
	Type	MTG-X3M S RW1	MTG-X3M S SWGR1	MTG-X3M S AL1
	Colour	Pure white	Black-grey	Aluminium-painted
	Pack Piece	1	1	1
	Weight kg/100 pc.	3.500	3.500	3.500
Item no.	6105258	6105260	6105262	
PC Polycarbonate				

Multimedia support with one XLR connection socket, straight cable outlet, without labelling panel, 3-pin XLR socket with screw connection. Support plate with locking fastening, suitable for horizontal and vertical installation in the system environment.

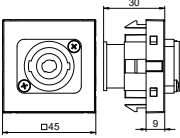
Multimedia support for XLR plug connector, 1 module, straight outlet

				
	Type	MTG-X O RW1	MTG-X O SWGR1	MTG-X O AL1
	Colour	Pure white	Black-grey	Aluminium-painted
	Pack Piece	1	1	1
	Weight kg/100 pc.	0.600	0.600	0.600
Item no.	6105234	6105237	6105240	
PC Polycarbonate				

Multimedia support for an XLR plug connector, straight cable outlet, without labelling panel, without plug connector. Support plate with locking fastening, suitable for horizontal and vertical installation in the system environment.

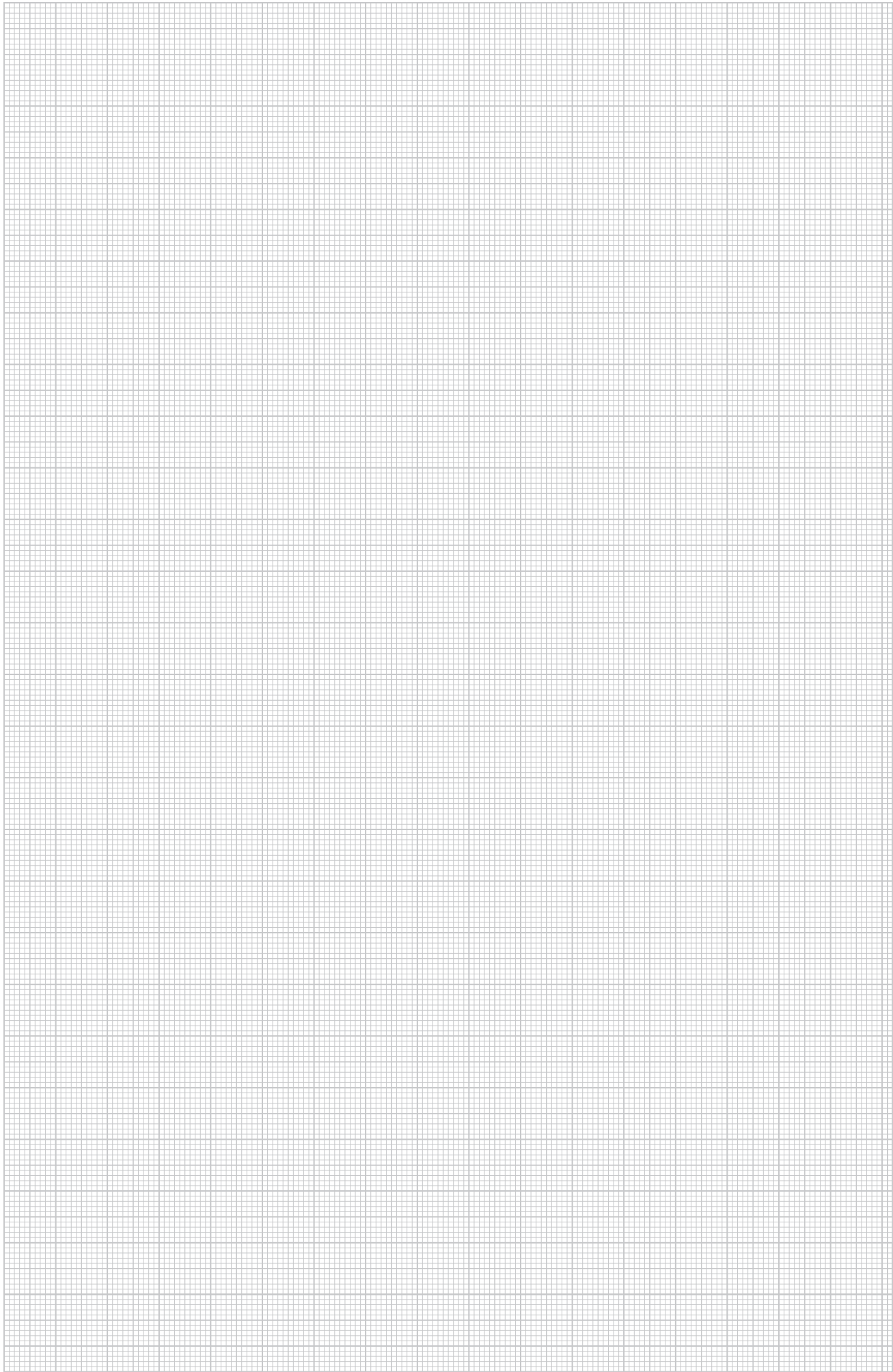


Speakon connection, 1 module, straight outlet, 4-pin socket, as screw connection

			
			
Type	MTG-SON S RW1	MTG-SON S SWGR1	MTG-SON S AL1
Colour	Pure white	Black-grey	Aluminium-painted
Pack Piece	1	1	1
Weight kg/100 pc.	2.800	2.800	2.800
Item no.	6105270	6105272	6105274
 Polycarbonate			

Multimedia support with one Speakon connection socket, straight cable outlet, without labelling panel, Speakon 4-pin socket with screw connection. Support plate with locking fastening, suitable for horizontal and vertical installation in the system environment.



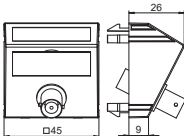


BNC connection, 1 module, straight outlet, as 1:1 coupling

			
Type	MTG-BC F RW1	MTG-BC F SWGR1	MTG-BC F AL1
Colour	Pure white	Black-grey	Aluminium-painted
Pack Piece	1	1	1
Weight kg/100 pc.	1.500	1.500	1.500
Item no.	6105018	6105021	6105024
PC Polycarbonate			

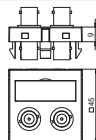
Multimedia support with one BNC connection socket, straight cable outlet, with labelling panel, BNC coupling, socket-socket version. Support plate with locking fastening, suitable for horizontal and vertical installation in the system environment.

BNC connection, 1 module, slanting outlet, as 1:1 coupling

			
Type	MTS-BC F RW1	MTS-BC F SWGR1	MTS-BC F AL1
Colour	Pure white	Black-grey	Aluminium-painted
Pack Piece	1	1	1
Weight kg/100 pc.	1.700	1.700	1.700
Item no.	6105030	6105033	6105036
PC Polycarbonate			

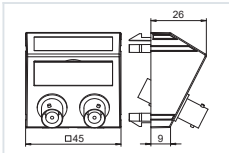
Multimedia support with one BNC connection socket, slanting cable outlet, with labelling panel, BNC cinch coupling, socket-socket version. Support plate with locking fastening, suitable for horizontal and vertical installation in the system environment.

2x BNC connection, 1 module, straight outlet, as 1:1 coupling

				
	Type	MTG-2BC F RW1	MTG-2BC F SWGR1	MTG-2BC F AL1
	Colour	Pure white	Black-grey	Aluminium-painted
	Pack Piece	1	1	1
	Weight kg/100 pc.	2.500	2.500	2.500
Item no.	6105090	6105093	6105096	
PC Polycarbonate				

Multimedia support with two BNC connection sockets, straight cable outlet, with labelling panel, two BNC couplings, socket-socket version. Support plate with locking fastening, suitable for horizontal and vertical installation in the system environment.

2x BNC connection, 1 module, slanting outlet, as 1:1 coupling



Type	MTS-2BC F RW1	MTS-2BC F SWGR1	MTS-2BC F AL1
Colour	Pure white	Black-grey	Aluminium-painted
Pack Piece	1	1	1
Weight kg/100 pc.	2.700	2.700	2.700
Item no.	6105102	6105105	6105108

PC Polycarbonate

Multimedia support with two BNC connection sockets, slanting cable outlet, with labelling panel, two BNC couplings, socket-socket version. Support plate with locking fastening, suitable for horizontal and vertical installation in the system environment.



Mini jack connection, 1 module, straight outlet, as soldered connection

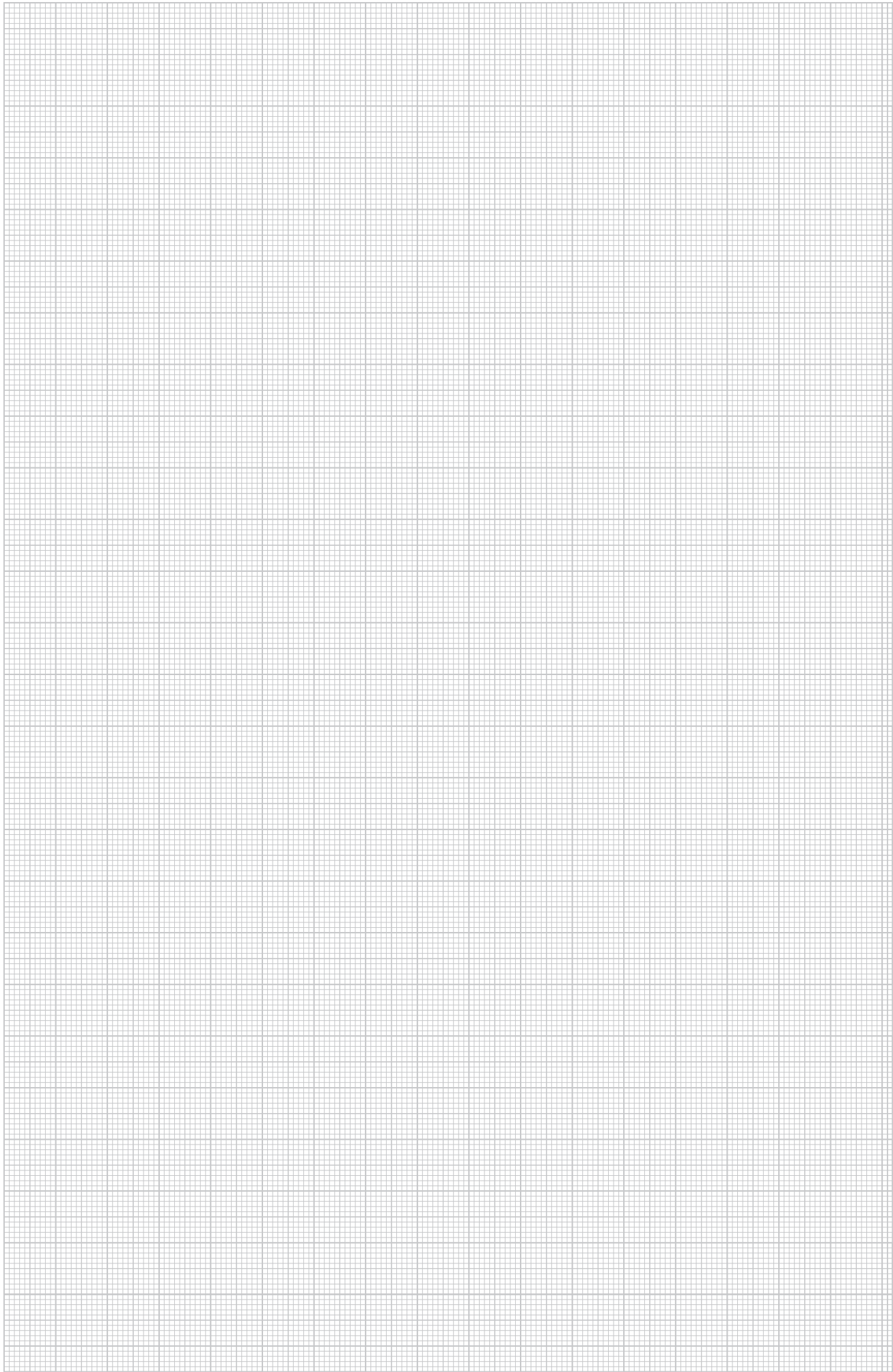
			
Type	MTG-MK L RW1	MTG-MK L SWGR1	MTG-MK L AL1
Colour	Pure white	Black-grey	Aluminium-painted
Pack Piece	1	1	1
Weight kg/100 pc.	1.500	1.500	2.128
Item no.	6104946	6104949	6104952
PC Polycarbonate			

Multimedia support with one mini jack connection socket, straight cable outlet, with labelling panel, mini cinch socket (TRS 3.5 mm) with soldered connection. Support plate with locking fastening, suitable for horizontal and vertical installation in the system environment.

Mini jack connection, 1 module, slanting outlet, as soldered connection

			
Type	MTS-MK L RW1	MTS-MK L SWGR1	MTS-MK L AL1
Colour	Pure white	Black-grey	Aluminium-painted
Pack Piece	1	1	1
Weight kg/100 pc.	1.700	1.700	1.700
Item no.	6104958	6104961	6104964
PC Polycarbonate			

Multimedia support with one mini jack connection socket, slanting cable outlet, with labelling panel, mini cinch socket (TRS 3.5 mm) with soldered connection. Support plate with locking fastening, suitable for horizontal and vertical installation in the system environment.



Switches

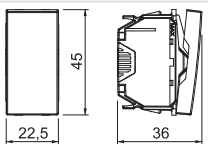


Switches

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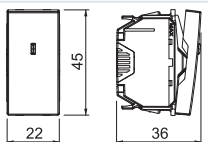


One-way/changeover switch, 1/2 module

			
Type	WS-UB RW0.5	WS-UB SWGR0.5	WS-UB AL0.5
Colour	Pure white	Black-grey	Aluminium-painted
Pack Piece	1	1	1
Weight kg/100 pc.	1.800	1.800	1.800
Item no.	6120920	6120922	6120924
PC Polycarbonate			

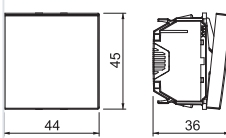
Changeover switch 1-pin, 10 A, 250 V~, with screwless terminals.

One-way/changeover switch with warning lamp, 1/2 module

			
Type	WS-UKL RW0.5	WS-UKL SWGR0.5	WS-UKL AL0.5
Colour	Pure white	Black-grey	Aluminium-painted
Pack Piece	1	1	1
Weight kg/100 pc.	1.800	1.800	1.800
Item no.	6120926	6120928	6120930
PC Polycarbonate			

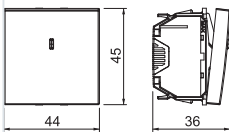
Changeover switch with LED element as a control light, 1-pole, 10 A, 250 V~, with screwless terminals.

One-way/changeover switch, 1 module

				
Type	WS-UB RW1	WS-UB SWGR1	WS-UB AL1	
Colour	Pure white	Black-grey	Aluminium-painted	
Pack Piece	1	1	1	
Weight kg/100 pc.	2.600	2.600	2.300	
Item no.	6120932	6120934	6120936	
PC Polycarbonate				

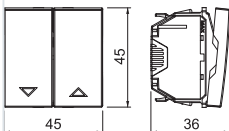
Changeover switch 1-pin, 10 A, 250 V~, with screwless terminals.

One-way/changeover switch with warning lamp, 1 module

			
Type	WS-UKL RW1	WS-UKL SWGR1	WS-UKL AL1
Colour	Pure white	Black-grey	Aluminium-painted
Pack Piece	1	1	1
Weight kg/100 pc.	2.300	2.300	2.300
Item no.	6120938	6120940	6120942
PC Polycarbonate			

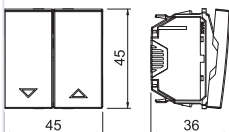
Changeover switch with LED element as a control light, 1-pole, 10 A, 250 V~, with screwless terminals.

Roller blind switch, 1 module

			
Type	RS-BS RW1	RS-BS SWGR1	RS-BS AL1
Colour	Pure white	Black-grey	Aluminium-painted
Pack Piece	1	1	1
Weight kg/100 pc.	3.700	3.700	3.700
Item no.	6120950	6120952	6120954
PC Polycarbonate			

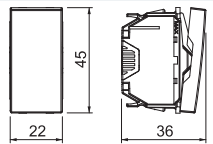
Roller blind switch with electrical and mechanical lock, 1-pin, 10 A, 250 V~, with screwless terminals.

Roller blind button, 1 module

			
Type	RT-BS RW1	RT-BS SWGR1	RT-BS AL1
Colour	Pure white	Black-grey	Aluminium-painted
Pack Piece	1	1	1
Weight kg/100 pc.	3.700	3.700	3.700
Item no.	6120980	6120982	6120984
	PC Polycarbonate		

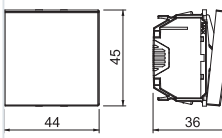
Roller blind button with electrical locking, 1-pin, 10 A, 250 V~, with screwless terminals.

Changeover switch, 1/2 module

			
			
Type	TA-WB RW0.5	TA-WB SWGR0.5	TA-WB AL0.5
Colour	Pure white	Black-grey	Aluminium-painted
Pack Piece	1	1	1
Weight kg/100 pc.	1.800	1.800	1.800
Item no.	6120960	6120962	6120964
			

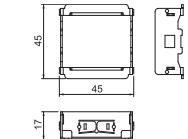
Changeover switch, 1-pin, 10 A, 250 V~, with screwless terminals.

Changeover switch, 1 module

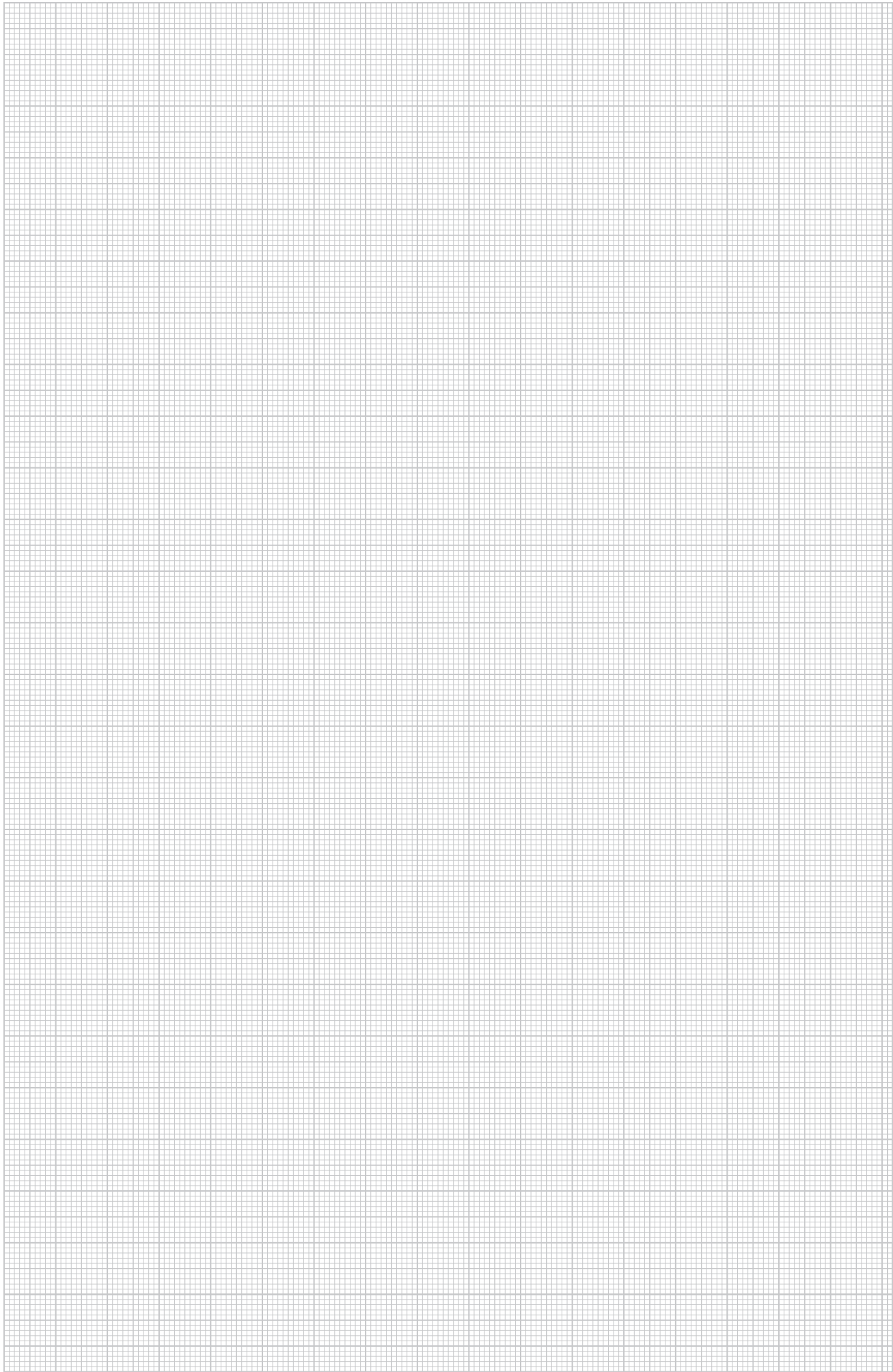
			
			
Type	TA-WB RW1	TA-WB SWGR1	TA-WB AL1
Colour	Pure white	Black-grey	Aluminium-painted
Pack Piece	1	1	1
Weight kg/100 pc.	3.300	3.300	3.300
Item no.	6120966	6120968	6120970
			

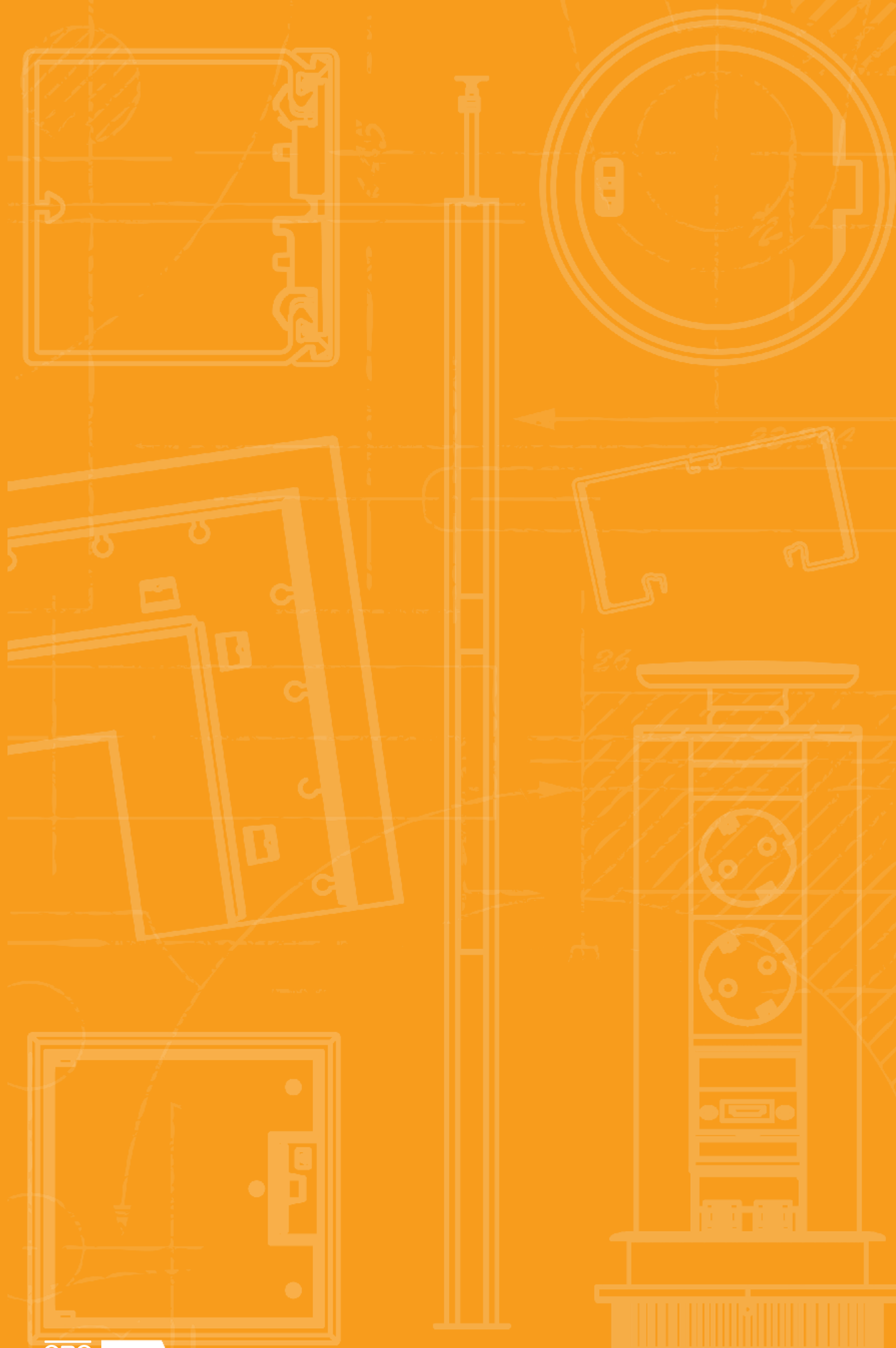
Changeover switch, 1-pin, 10 A, 250 V~, with screwless terminals.

Adapter for switch installation rotated through 90°

	
Type	AD-90G M45-1
Pack Piece	1
Weight kg/100 pc.	2.200
Item no.	6120992
	

The adapter allows switch installation rotated through 90° in, for example, service poles with a 45 mm track or Rapid 45. Suitable for all switches and buttons in one module width (45 x 45 mm).





Deskboxes



Deskboxes

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Accessories, Deskboxes

196



Flexkanal and accessories

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System description



Deskboxes by OBO offer direct access to power, data and multimedia connections for any workplace, such as in offices and meeting and conference rooms. Three different Deskbox solutions in high-quality materials and elegant designs are available for individual requirements.

Freely positionable Deskbox DB

High-quality aluminium, slim design and variable installation options. The Deskbox DB can be freely positioned at the workstation and offers direct access to all connection solutions.

Mounting aid



Preparation of fastening clamps
The appropriate fastening clamps are placed on the tabletop and screwed down.



Dismantling of the design panel
The first step for the cable connection of the data technology components is the removal of the design cover.



Dismantling of the housing cover
Open the housing cover located under the design cover.



Data technology connection
Simply connect the data technology couplings using standard universal cables.



Mounting of the housing cover
When the connection work has been completed, the housing cover is reattached and screwed down tight.



Preparation of Deskbox fastening
The fastening elements of the fastening clamps are inserted into the housing profile from the side. A Flexkanal holder can also be mounted as an option.



Fixing of the Deskbox fastening
The aligned fastening elements are fixed using a screw.



Mounting of the Deskbox on the fastening clamp
Simply insert the pre-mounted Deskbox into the fastening clamps from above.



Mounting of the design panel
When the mounting work has been completed, reattach and engage the design panel.



Flexkanal fastening on Deskbox
The supply lines can be bundled using a Flexkanal and can be fastened on the pre-mounted Flexkanal holder.



Deskbox mounting with fastening clamp
The Deskbox with fastening clamps is ready-mounted and ready for use.



Preparation for fastening stand mounting
Drill holes (Ø 16 mm) in the tabletop are required to mount the fastening stands.





Mounting of the fastening stands

The fastening stands are inserted into the mounting drill hole and screwed tight.
Note: Can be used in tabletops of up to 50 mm thickness.



Mounting of the Deskbox on the fastening stand

Push the Deskbox onto the fastening stands from the side. The design panel must be removed in advance.



Deskbox mounting with fastening stand

The Deskbox with fastening stands is ready mounted and ready for use.



Preparation for fastening set, table mounting

Drill holes (Ø 10 mm) in the tabletop are required to mount the fastening sets.



Pre-mounting of the fastening set, table mounting

The fastening elements are inserted into the mounting drill hole.
Note: The supplied fastening screws (M4 x 40 mm) can be used for tabletops of up to a maximum thickness of 32 mm.



Deskbox mounting on the fastening set, table mounting

The Deskbox can be slid onto the fastening elements from the side. The design panel must be removed in advance.



Finished mounting of the fastening set, table mounting

When the Deskbox is positioned, the fastening elements can be screwed tight.



Deskbox mounting with fastening set, table mounting

The Deskbox is ready-mounted and ready for use directly on the tabletop.



Mounting of the fastening set, under-table mounting

The fastening elements are connected to the tabletop using the wood screws contained in the scope of delivery.



Mounting of the Deskbox on the fastening set, under-table mounting

The Deskbox can be slid onto the fastening elements from the side. The design panel must be removed in advance.



Mounting of the Deskbox with fastening set, under-table mounting

The Deskbox is ready-mounted and ready for use under the tabletop.



Cable connection, energy technology

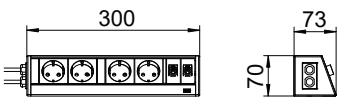
The energy technology of the Deskbox is always equipped ready for connection and tested according to VDE directives. There is no need to remove the device cover on the energy side.



DB – ready-for-connection Deskbox, free positioning

Deskbox DB, freely placeable, 2+2 sockets, 2x RJ45 Cat. 6

Alu



Type	Version	Pack Piece	Weight kg/100 pc.	Item no.
DB-0A3 D22SR2K	Housing, silver anodised	1	100.000	6116918

Deskbox with connection cable, cable outlet on the left and right housing cover, freely placeable using non-slip support points.

- Equipment:
- Two black protection contact sockets in 0° connection direction, incl. 3.0 m power cable with angular connector CEE 7/7, cable exit on the left housing cover.
 - Two red protection contact sockets in 0° connection direction, incl. 3.0 m power cable with angular connector CEE 7/7, cable exit on the left housing cover.
 - Two data technology couplings RJ45 to RJ45, 1:1 switched, Cat. 6 shielded, cable exit on the right housing cover.

Deskbox DB, without fastening material, 3 sockets

Alu



Type	Version	Pack Piece	Weight kg/100 pc.	Item no.
DB-0B3 D3S	Housing, silver anodised	1	66.000	6116939

Deskbox with connection cable, cable outlet at the bottom of the profile, without fastening material, combinable with the fastening solutions listed in the accessories.

- Equipment:
- Three black protection contact sockets in 0° connection direction, incl. 3.0 m power cable with angular connector CEE 7/7.

Alu

Deskbox DB, without fastening material, 3 sockets



Deskbox with connection cable, cable outlet at the bottom of the profile, without fastening material, combinable with the fastening solutions listed in the accessories.

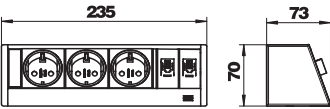
Equipment:

- Three black protection contact sockets in 0° connection direction, incl. 3.0 m power cable with angular connector CEE 7/7.

Type	Version	Pack Piece	Weight kg/100 pc.	Item no.
DB-0B3 D3S	Housing, silver anodised	1	66.000	6116939

Alu

Deskbox DB, without fastening material, 3 sockets, 2x RJ45 Cat. 6



Deskbox with connection cable, cable outlet at the bottom of the profile, without fastening material, combinable with the fastening solutions listed in the accessories.

Equipment:

- Three black protection contact sockets in 0° connection direction, incl. 3.0 m power cable with angular connector CEE 7/7.
- Two data technology couplings RJ45 to RJ45, 1:1 switched, Cat. 6 shielded.

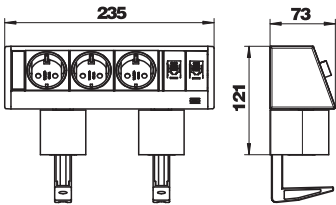
Type	Version	Pack Piece	Weight kg/100 pc.	Item no.
DB-0B3 D3S2K	Housing, silver anodised	1	85.700	6116945



DB – Ready-for-connection Deskbox, free positioning

Deskbox DB, with fastening clamp, 3 sockets, 2x RJ45 Cat. 6

Alu



Type	Version	Pack Piece	Weight kg/100 pc.	Item no.
DB-1B3 D3S2K	Housing, silver anodised	1	122.000	6116942

Deskbox with connection cable, cable outlet at the bottom of the profile with two fastening clamps for tabletop thicknesses of 8 to 40 mm.

Equipment:
- Three black protection contact sockets in 0° connection direction, incl. 3.0 m power cable with angular connector CEE 7/7.
- Two data technology couplings RJ45 to RJ45, 1:1 switched, Cat. 6 shielded.

DBV – ready-for-connection Deskbox, lowerable

Deskbox DBV, 3 sockets

Alu EL

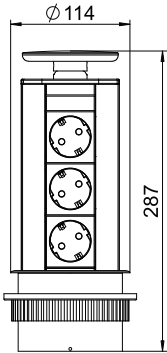


Type	Pack Piece	Weight kg/100 pc.	Item no.
DBV-A3A D3S	1	98.230	6116862
DBV-A3E D3S	1	106.230	6116866

Lowerable Deskbox with connection cable for fixed installation on a tabletop, plastic fastening sleeve, painted accordingly in cover shade. It is mounted using a drill hole (Ø102 mm) in the tabletop.

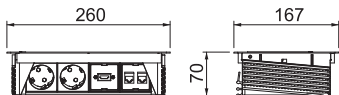
Equipment:
- Three black protection contact sockets in 60° connection direction, incl. 3.0 m power cable with angular connector CEE 7/7.

Note: Can be used in tabletops of up to 50 mm thickness.



VA

Deskbox DBK, 2 sockets, HDMI, 2x RJ45 Cat. 6



Foldable Deskbox with connection cable for fixed installation in a tabletop, housing made of brushed stainless steel with brush bar as cable outlet. Mounting is done via an installation opening 245 x 157 mm in the tabletop.

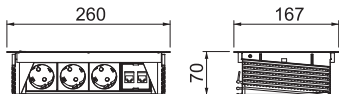
- Equipped with:
- Two black protective contact sockets of 60° plug-in direction, including 3.0 m power cable with angular connector CEE 7/7.
 - One HDMI 1.3 socket, including 3.0 m connection cable with plug.
 - Two data technology couplings RJ45 on RJ45, 1:1, Cat. 6 shielded.

Note: Can be used in tabletops of up to 50 mm thickness.

Type	Pack	Weight	Item no.
	Piece	kg/100 pc.	
DBK2-M4H D2S2K	1	173.760	6116810

VA

Deskbox DBK, 3 sockets, 2x RJ45 Cat. 6



Foldable Deskbox with connection cable for fixed installation in a tabletop, housing made of brushed stainless steel with brush bar as cable outlet. Mounting is done via an installation opening 245 x 157 mm in the tabletop.

- Equipped with:
- Three black protective contact sockets of 60° plug-in direction, including 3.0 m power cable with angular connector CEE 7/7.
 - Two data technology couplings RJ45 on RJ45, 1:1 switched, Cat. 6 shielded.

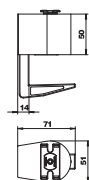
Note: Can be used in tabletops of up to 50 mm thickness.

Type	Pack	Weight	Item no.
	Piece	kg/100 pc.	
DBK2-D4 D3S2K	1	163.860	6116806



Fastening clamps

Fastening clamp for Deskbox DB



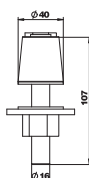
Type	Colour	Version	Pack Piece	Weight kg/100 pc.	Item no.
DBZ-BZ40	Black	Clamping range 8 to 40 mm	1	18.000	6116976
DBZ-BZ75	Black	Clamping range 40 to 75 mm	1	20.000	6116979

Fastening clamp for mounting a Deskbox type DB-... on the tabletop.

Note: For housing widths of 200 mm or more, two fastening clamps are required to mount a Deskbox.

Fastening stands

Stainless steel fastening stand for Deskbox DB



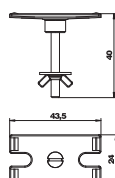
Type	Pack Piece	Weight kg/100 pc.	Item no.
DBZ-BFE	1	34.000	6116982

Stainless steel fastening stand for fixed mounting of a Deskbox type DB-... on a tabletop. It is mounted using a drill hole (Ø16 mm) in the tabletop.

Note: Can be used in tabletops of up to 50 mm thickness.

Fastening sets

Fastening set for table mounting, for Deskbox DB

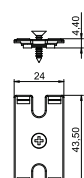
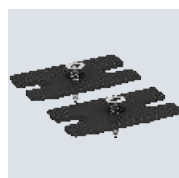


Type	Pack Piece	Weight kg/100 pc.	Item no.
DBZ-BST	1	2.300	6116985

Fastening set for fixed mounting of a Deskbox, type DB, under the tabletop. It is mounted using a drill hole (Ø10 mm) in the tabletop.

Note: The supplied fastening screws (M4 x 40 mm) can be used for tabletops of up to a maximum thickness of 32 mm.

Fastening set for under-table mounting, for Deskbox DB

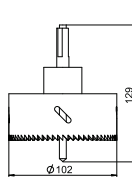


Type	Pack Piece	Weight kg/100 pc.	Item no.
DBZ-BSUT	1	5.000	6116986

Fastening set for fixed mounting of the Deskbox, type DB, under the tabletop. It is mounted on the tabletop using two wood screws.

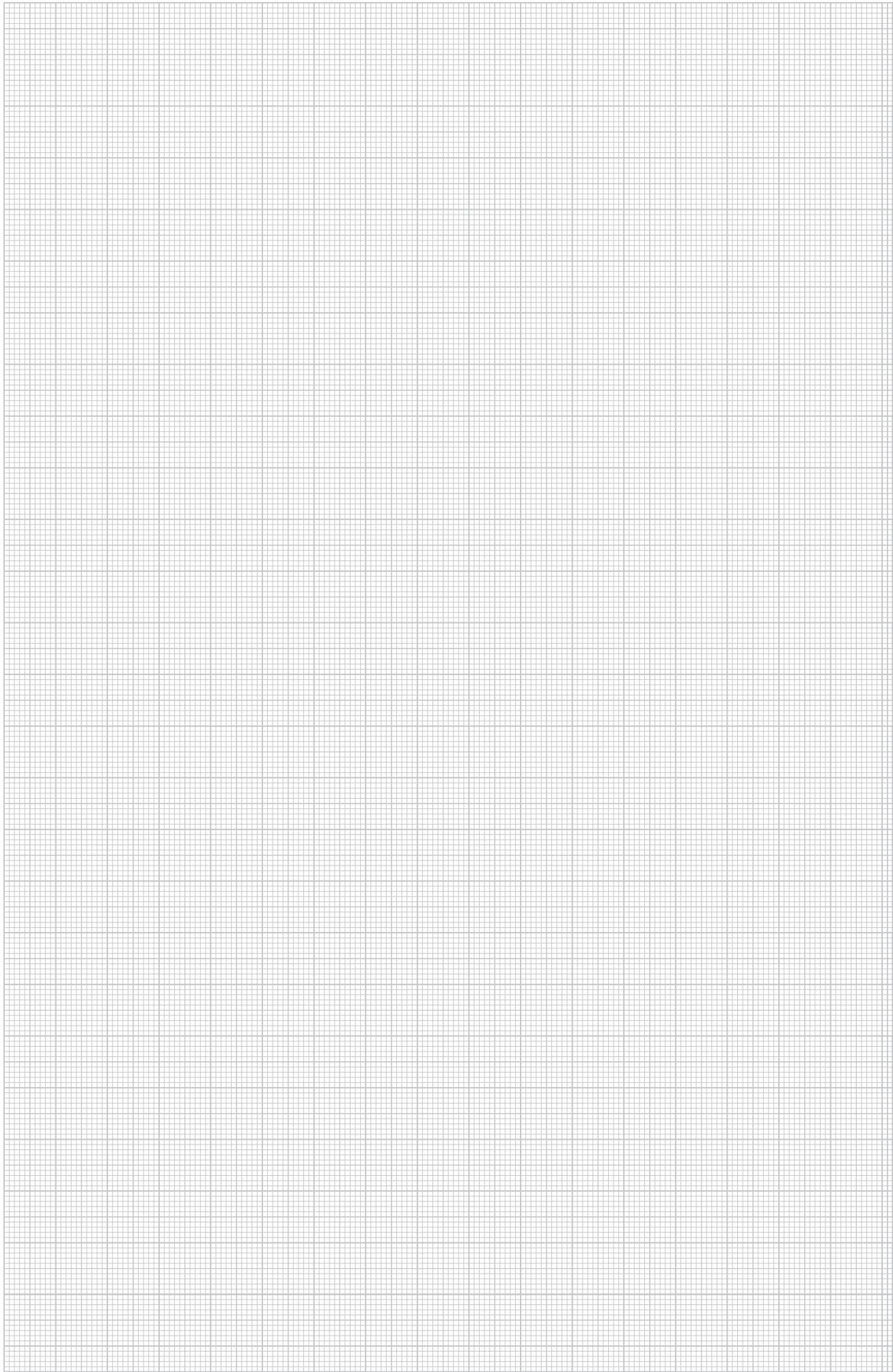
Hole saws

Circular band saw for Deskbox DBV



Type	Pack Piece	Weight kg/100 pc.	Item no.
DBZ-LS	1	100.000	6116994

Circular band saw as a mounting tool for precise installation of a Deskbox of type DBV, drill hole diameter 102 mm.



Flexkanal

Flexkanal

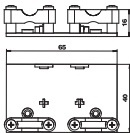


Type	Length mm	Colour	Pack m	Weight kg/100 m	Item no.
FLK-2K LGR	1000	Light grey	1	28.800	6154922
FLK-2K SWGR	1000	Black-grey	1	28.800	6154930

The Flexkanal runs your cables ordered and protected to the desk. It connects the Deskbox with the dado trunking or with the floor connection box. When extended, the Flexkanal is 1,000 mm long, 60 mm wide and 20 mm high.
The trunking consists of two chambers, capacity per chamber:
two cables of 8.5 mm diameter or three cables of 7.5 mm diameter or
four cables of 7.0 mm diameter or five cables of 6.0 mm diameter.

Strain reliefs

Holder with strain relief for Flexkanal



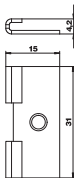
Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
FLK-HL ZL	Anthracite grey	1	10.500	6154961

The holder possesses two integrated strain reliefs and can be screwed on. A Flexkanal can be mounted directly on the holder.

Fastening clamp

Fastening clamp for Flexkanal

Alu

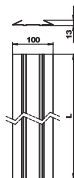


Type	Pack Piece	Weight kg/100 pc.	Item no.
FLK-BEF	10	0.150	6154968

The Flexkanal is suspended from the fastening clamp. The holder is fastened using a countersunk union.

Floor rails

Floor rail for Flexkanal



Type	Length mm	Colour	Pack Piece	Weight kg/100 pc.	Item no.
FLK-BS1	1000	Anthracite grey	1	19.400	6154980
FLK-BS2	2000	Anthracite grey	1	19.400	6154983

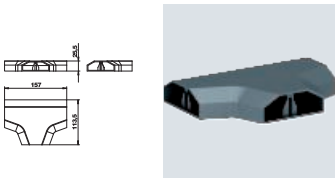
The Flexkanal is pushed directly into the floor rail. The ramp on both sides reduces the risk of stumbling.



T branch for Flexkanal

Colour		Pack	Weight	Item no.
Type		Piece	kg/100 pc.	
FLK-TAZ	Anthracite grey	1	8.700	6154965

T branch for supply of working places with the Flexkanal.



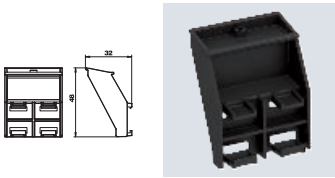
Holder

Flexkanal holder for Deskbox DB

Colour		Pack	Weight	Item no.
Type		Piece	kg/100 pc.	
DBZ-FLKB	Black	1	1.100	6116991

Flexkanal holder for Deskbox, type DB, for secure connection of a Flexkanal to the Deskbox.

Note: Can only be used for mounting on the tabletop using fastening clamps.





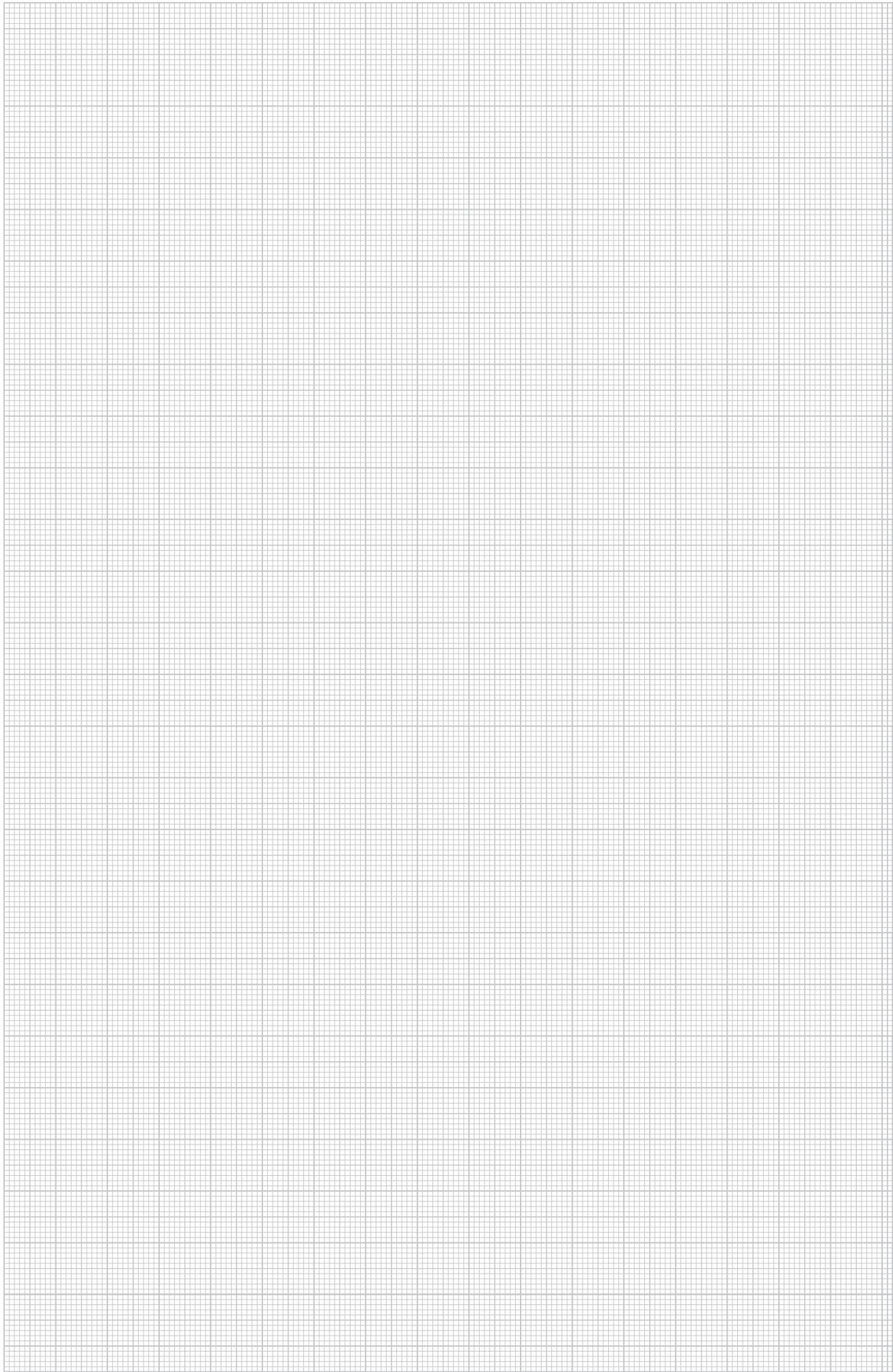
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Test marks

	American Bureau of Shipping, USA		Underwriters Laboratories Inc., USA + CSA, Canada
	AENOR, Producto Certificado, Spain		Österreichischer Verband für Elektrotechnik, Austria
	STOWARZYSZENIE ELEKTRYKÓW POLSKICH, Poland		INSTITUTO ITALIANO DEL MARCHO DI QUALITÀ, Italy
	Lightning current-tested		RINA 1861, Ship Classification, Certification and Services
	Lightning current-tested, Class H (100 kA)		Underwriters Laboratories Inc., USA
	CEBEC, Belgium		SEMKO An Inchcape Testing Services Company, Sweden
	Canadian Standards Association, Canada		Eidgenössisches Starkstrominspektorat, Switzerland
	DEMKO, Danmarks Elektriske Materielkontrol, Denmark		South African Bureau of Standards
	Deutsches Institut für Bautechnik Berlin, Germany		Shock-tested, Bundesamt für Zivilschutz, Germany
	Det Norske Veritas		Sähkötarvakeskus Elinspektionscentralen Electrical Inspectorate, Finland
	ENEC Austria		Underwriters Laboratories Inc., USA
	ATEX certificate for explosive areas		Underwriters Laboratories Inc., USA
	ELEKTROTECHNICKÝ ZKUŠEBNÍ ÚSTAV, Czech Republic		Verband der Elektrotechnik, Elektronik, Informationstechnik e.V., Germany
	FIMKO, Finland		German Association of Electricians, tested safety
	Forschungs- und Materialprüfungsanstalt, Germany		5-year warranty
	Russia, GOST The State Committee for Standards		
	Test marks for technical resources, VDE Prüf- und Zertifizierungsinstitut Offenbach, Germany		
	Halogen-free; without chlorine, fluorine and bromine		
	INMETRO, Brazil		
	KEMA-KEUR, Netherlands		
	Indication of metric products		
	MAGYAR ELEKTROTECHNIKAI ELLENŐRZŐ INTÉZET Budapest, Hungary		
	NEMKO, Norway		
	AFNOR Quality symbol of the French standardisation institute		





Pictogram explanation

Surfaces

	Strip galvanised
	Strip galvanised/plastic-coated
	Strip galvanised zinc/aluminium, double dip
	Bright
	Bright, reworked
	Anodised
	Hot-dip galvanised
	Electrogalvanised
	Electrogalvanised/plastic-coated
	Electrogalvanised, yellow-chromatised
	Electrogalvanised, yellow passivated
	Electrogalvanised, transparently passivated
	Primed
	Painted
	Welding primed
	Hot-dip galvanised
	Hot-dip galvanised 85 µm
	Copper-plated
	Nickel-plated
	Galvanised, Deltatone 500
	Galvanised, MAGNI 565
	Zinc-aluminium coated, Galfan
	Zinc scale

Conformity symbol

	Communautés Européennes, EC declaration of conformity according to EC directives
	RoHS-conformant

Quality marks

	Halogen-free; without chlorine, fluorine and bromine
	Flame resistant 650 °C
	Flame resistant 750 °C
	Flame resistant 960 °C
	UV-resistant

Specific product symbols

	Diameter 60 mm
	Diameter 68 mm
	Protection device to DIN EN 61643-11 or IEC 61643-11
	Transition from LPZ 2 to LPZ 3
	Acoustic signalling

Applications

	Remote signalling
	Acoustic signalling
	Integrated Service Digital Network, ISDN applications
	Digital Subscriber Line, DSL applications
	Analogue telecommunication
	Category 5 TwisterPair
	Channel Performance to American EIA/TIA standard
	Measuring, controlling and regulating systems
	TV applications
	SAT-TV applications
	MultiBase base
	LifeControl
	Intrinsically safe protection device for potentially explosive areas
	Channel Performance to ISO/IEC 11801
	Power over Ethernet
	230/400 V system
	Protection rating IP 54
	Protection rating IP 65

Lightning protection classes

	Protection device to DIN EN 61643-11 or IEC 61643-11
	Combination protection device made of type 1 and type 2
	Protection device to DIN EN 61643-11 or IEC 61643-11

Lightning protection classes

	Protection device to DIN EN 61643-11 or IEC 61643-11
	Protection device to DIN EN 61643-11 or IEC 61643-11

Lightning protection zone

	Transition from LPZ 0 to LPZ 1
	Transition from LPZ 0 to LPZ 2
	Transition from LPZ 0 to LPZ 3
	Transition from LPZ 1 to LPZ 2
	Transition from LPZ 1 to LPZ 3
	Transition from LPZ 2 to LPZ 3

BSS maintenance of electrical function installation

	Fire-tested systems
	Escape route ceiling mounting with pressure clip
	OBO Grip, wall routing type
	OBO Grip, ceiling routing type
	Pressure clip for maintenance of electrical function, ceiling mounting

BSS anchor

	Fire protection anchor
	Fire protection bolt tie

BSS test marks/material class

	Maintenance of electrical function class E30
	Maintenance of electrical function class E90

Clamp clip base shapes

	Clamp clip for C profile rail, slot width 11–12 mm
	Clamp clip for C profile rail, slot width 16–17 mm
	Clamp clip for C profile rail, slot width 18–22 mm

Diameter

	Diameter 60 mm
	Diameter 68 mm
	Diameter 70 mm
	Diameter 74 mm

Entries

	4 cable entries
	6 cable entries
	7 cable entries
	8 cable entries
	9 cable entries
	10 cable entries
	12 cable entries
	10 cable entries ECO
	12 cable entries ECO
	14 cable entries ECO
	16 cable entries
	18 cable entries ECO
	24 cable entries

Gland thread

	Thread metric
	Thread Pg

Entry size

	M20 entry
	M25 entry
	M32 entry
	M40 entry

KTS side heights

	Cable tray, side height 35 mm
	Cable tray, side height 60 mm
	Cable tray, side height 85 mm
	Mesh cable tray, side height 35 mm
	Mesh cable tray, side height 55 mm

Materials

	Flat steel
	Angular steel
	U steel
	Round material

Pictogram explanation

Nominal cross-section

	Nominal cross-section 1.5 mm²
	Nominal cross-section 1.5–2.5 mm²
	Nominal cross-section 2.5 mm²
	Nominal cross-section 2.5–4 mm²
	Nominal cross-section 4 mm²
	Nominal cross-section 4–6 mm²
	Nominal cross-section 6 mm²
	Nominal cross-section 10 mm²
	Nominal cross-section 16 mm²

Nominal voltage

	Nominal voltage 400 V
	Nominal voltage 500 V
	Nominal voltage 660 V

Polarity

	3-pole
	5-pole
	7-pole
	8-pole
	10-pole
	12-pole

Slot widths

	Slot width 7.5 mm
	Slot width 11 mm
	Slot width 11–12 mm
	Slot width 12 mm
	Slot width 15 mm
	Slot width 16 mm
	Slot width 16.5 mm
	Slot width 16–17 mm
	Slot width 17 mm
	Slot width 18 mm
	Slot width 22 mm
	Slot width 35 mm

Screw heads

	Philips screw
	Torx screw
	Phillips screw
	Pozidriv

Firing devices

	Bolt-firing tool
	Nail device

Protection rating

	Protection rating IP 20
	Protection rating IP 30
	Protection rating IP 31
	Protection rating IP 44
	Protection rating IP 54
	Protection rating IP 55
	Protection rating IP 65
	Protection rating IP 66
	Protection rating IP 67
	Protection rating IP 68

Metals

	Aluminium
	Aluminium/steel
	Stainless steel, rustproof
	Stainless steel, rustproof
	Stainless steel, rustproof
	Copper
	Brass
	Steel
	Malleable iron
	Die-cast zinc

Plastics

	Acrylonitrile butadiene styrene
	Duroplast, Aminoplast, type 131.5
	Duroplast, melamine resin, type 150
	Ethylene vinyl acetate

Plastics

FA	Fibre-proof material DIN 28091
GFK	Fibreglass-reinforced plastic
NBR SBR	Rubber mixture
NBR	Nitrile rubber
PETR	Petrolatum
PA	Polyamide
PA/ GF	Polyamide, fibreglass reinforced
PBPT	Polybutylene terephthalate
PC	Polycarbonate
PE	Polyethylene
PP	Polypropylene
PP/GF	Polypropylene, fibreglass reinforced
PS	Polystyrene
PVC	Polyvinylchloride
ZELL PE	Cellular polyethylene



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5889052	6119392	124	6050024	6120390	118	5148678	6288610	125
5889069	6119394	124	6050031	6120392	118	6555543	6288635	126
5889076	6119396	124	6050154	6120412	119			
5889113	6119401	90	6050208	6120414	119	6687718	7404609	96
5889120	6119402	90	6050222	6120416	119	6687725	7404610	96
5889137	6119403	90	6050253	6120418	119	6687732	7404611	96
5889144	6119407	90	6050260	6120420	119	6687749	7404613	96
5889175	6119408	90	6050277	6120422	119	6687756	7404614	97
5889182	6119409	90	6050314	6120432	120	6687763	7404615	96
5889236	6119413	90	6050321	6120434	120	6687770	7404616	97
5889199	6119414	90	6050345	6120436	120	6687787	7404617	97
5889205	6119415	90	6050376	6120438	120	6687794	7404618	97
5889243	6119421	91	6050383	6120440	120	6687800	7404619	97
5889250	6119422	91	6050390	6120442	120	6687817	7404621	98
5889267	6119423	91	6050437	6120452	121	6687824	7404622	98
5889298	6119427	91	6050444	6120454	121	6687831	7404623	98
5889304	6119428	91	6050468	6120456	121		/pc.	
5889311	6119429	91	6050499	6120458	121	6557516	7404660	104
5889328	6119433	91	6050505	6120460	121	6557523	7404662	104
5889359	6119434	91	6050512	6120462	121	6557554	7404664	104
5889366	6119435	91	7256494	6120483	121	6557561	7404670	104
6609963	6119483	92	7256548	6120485	121	6557578	7404672	106
6609994	6119485	92	7256593	6120487	121	6557585	7404674	104
			7256647	6120489	121	6557615	7404676	105
6049134	6120001	69	7256722	6120491	121	6557622	7404678	105
6049127	6120003	69	7256777	6120493	121	6557646	7404680	105
6049189	6120005	84	7256821	6120503	122	6557639	7404682	106
6046966	6120008	68	7256876	6120505	122	6557677	7404684	106
6046973	6120010	68	7256920	6120507	122	6557684	7404686	106
6047024	6120012	68	7256975	6120509	122	6557691	7404688	105
6047031	6120014	68	7257026	6120511	122	6690619	7404692	106
6047086	6120016	68	7257071	6120513	122	6690626	7404694	106
6047093	6120018	80		/pc.		6690633	7404696	98
6047109	6120022	80	6602889	6120797	86	6690640	7404698	98
6047130	6120024	80	6570805	6120920	182			
6047147	6120026	80	6570812	6120922	182		/pc.	
6047154	6120028	80	6570829	6120924	182	5861300	7407047	148
6047208	6120030	80	6570836	6120926	182	5450771	7407663	87
6047222	6120032	80	6570843	6120928	182	5450788	7407665	87
6047260	6120042	80	6570850	6120930	182	5450825	7407667	87
6047277	6120044	80	6570867	6120932	182	5450832	7407669	87
6047321	6120046	80	6570874	6120934	182	5112730	7407688	149
6047345	6120048	80	6570881	6120936	182	5112839	7407712	149
6047383	6120050	80	6570898	6120938	183	5113027	7407764	148
6047390	6120052	80	6570911	6120940	183	5113034	7407768	145
7255572	6120073	68	6570928	6120942	183	5113072	7407776	147
7255565	6120075	68	6570935	6120950	183	5113089	7407780	144
7255589	6120077	68	6570942	6120952	183	5113096	7407784	145
7255633	6120079	68	6570959	6120954	183	5113102	7407788	145
7255688	6120081	68	6570966	6120960	184	5415978	7407790	146
7255732	6120083	82	6571000	6120962	184	5113133	7407792	146
7255787	6120103	68	6571017	6120964	184	5623489	7407798	147
7255879	6120105	68	6571024	6120966	184	5113157	7407800	146
7255923	6120107	68	6571031	6120968	184	5113164	7407804	147
7256005	6120109	68	6571048	6120970	184	5113195	7407808	147
7256050	6120111	68	6571055	6120980	183	5113201	7407812	147
7256128	6120114	83	6571062	6120982	183	5113218	7407816	148
7256173	6120123	83	6571079	6120984	183	5455806	7407817	148
7256227	6120125	83	6594702	6120992	184	5688624	7407818	148
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7256326	6120129	83		price/m		5113256	7407824	145
7256371	6120131	83	6277575	6154922	198	5113263	7407828	145
7256449	6120133	83	6277995	6154930	198	5113270	7407832	146
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6049073	6120292	81	6278350	6154961	198	5113287	7407836	144
6049141	6120294	81	6278411	6154965	199	5113294	7407840	144
6049196	6120296	82	6278473	6154968	198	5113300	7407844	144
6049387	6120340	118	6278657	6154980	198			
6049431	6120344	118	6278718	6154983	198			
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6049554	6120350	118	6691548	6288330	93			
6049608	6120352	118	6691555	6288334	93			
6049615	6120362	118	6691562	6288336	93			
6049622	6120364	118		/pc.				
6049660	6120366	118	5616559	6288365	93			
6049677	6120368	118	5809111	6288532	126			
6049721	6120370	118	5983330	6288572	125			
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ADP-BF AL0.5	6164851	6117412	86	CP45-TP 8C	6584796	6108028	115
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ASM-C6A	5887522	6117348	150	DTG-2RM SWGR1	5887447	6119294	135
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MTG-2UC2.1 RW1	6594603	6105300	83	MTM 2D	5415978	7407790	146
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MTS-2R F SWGR1	5900580	6105081	166	RT-BS SWGR1	6571062	6120982	183
MTS-3R F AL1	5899464	6105156	167				
MTS-3R F RW1	5899273	6105150	167	SDE-RW D0GN1	5889120	6119402	90
MTS-3R F SWGR1	5899457	6105153	167	SDE-RW D0GN1B	5889250	6119422	91
MTS-BC F AL1	5900429	6105036	176	SDE-RW D0GN2	5889175	6119408	90
MTS-BC F RW1	5900405	6105030	176	SDE-RW D0GN2B	5889304	6119428	91
MTS-BC F SWGR1	5900412	6105033	176	SDE-RW D0GN3	5889205	6119415	90
MTS-DB O AL1	5898641	6104724	159	SDE-RW D0GN3B	5889359	6119434	91
MTS-DB O RW1	5898627	6104718	159	SDE-RW D0RT1	5889137	6119403	90
MTS-DB O SWGR1	5898634	6104721	159	SDE-RW D0RT1B	5889267	6119423	91
MTS-DB9 F AL1	5898580	6104700	163	SDE-RW D0RT2	5889182	6119409	90
MTS-DB9 F RW1	5898566	6104694	163	SDE-RW D0RT2B	5889311	6119429	91
MTS-DB9 F SWGR1	5898573	6104697	163	SDE-RW D0RT3	5889236	6119413	90
MTS-DB9 S AL1	5898320	6104652	162	SDE-RW D0RT3B	5889366	6119435	91
MTS-DB9 S RW1	5898269	6104646	162	SDE-RW D0RW1	5889113	6119401	90
MTS-DB9 S SWGR1	5898313	6104649	162	SDE-RW D0RW1B	5889243	6119421	91
MTS-DV O AL1	5898863	6104796	171	SDE-RW D0RW2	5889144	6119407	90
MTS-DV O RW1	5898849	6104790	171	SDE-RW D0RW2B	5889298	6119427	91
MTS-DV O SWGR1	5898856	6104793	171	SDE-RW D0RW3	5889199	6119414	90
MTS-DVI F AL1	5898764	6104772	171	SDE-RW D0RW3B	5889328	6119433	91
MTS-DVI F RW1	5898740	6104766	171				
MTS-DVI F SWGR1	5898757	6104769	171	STA-SKS S1 SW	5438090	6117192	107
MTS-DVI S AL1	5898702	6104748	170	STA-SKS S1 W	5483571	6117193	107
MTS-DVI S RW1	5898689	6104742	170	STA-SKS SU1 SW	5670933	6117196	107
MTS-DVI S SWGR1	5898696	6104745	170	STA-SKS SU1 W	5670940	6117197	107
MTS-HD F AL1	5899150	6104844	155				
MTS-HD F RW1	5899082	6104838	155	STD-D0 AL1	6047093	6120018	80
MTS-HD F SWGR1	5899105	6104841	155	STD-D0 AL2	6047222	6120032	80
MTS-HD S AL1	5898979	6104820	154	STD-D0 AL3	6047390	6120052	80
MTS-HD S RW1	5898931	6104814	154	STD-D0 MZGN1	6047024	6120012	68
MTS-HD S SWGR1	5898955	6104817	154	STD-D0 MZGN1	6047024	6120012	80
MTS-MK L AL1	5899990	6104964	178	STD-D0 MZGN2	6047147	6120026	80
MTS-MK L RW1	5899976	6104958	178	STD-D0 MZGN3	6047321	6120046	80
MTS-MK L SWGR1	5899983	6104961	178	STD-D0 ROR1	6046973	6120010	68
MTS-R F AL1	5900337	6105012	167	STD-D0 ROR1	6046973	6120010	80
MTS-R F RW1	5900290	6105006	167	STD-D0 ROR2	6047130	6120024	80
MTS-R F SWGR1	5900306	6105009	167	STD-D0 ROR3	6047277	6120044	80
MTS-U3A F AL1	5899884	6104940	164	STD-D0 RW1	6046966	6120008	68
MTS-U3A F RW1	5899808	6104934	164	STD-D0 RW1	6046966	6120008	80
MTS-U3A F SWGR1	5899853	6104937	164	STD-D0 RW2	6047109	6120022	80
MTS-U3A S AL1	5899402	6104892	163	STD-D0 RW3	6047260	6120042	80
MTS-U3A S RW1	5899389	6104886	163	STD-D0 SRO1	6047031	6120014	68
MTS-U3A S SWGR1	5899396	6104889	163	STD-D0 SRO1	6047031	6120014	80
MTS-VGA F AL1	5898504	6104676	159	STD-D0 SRO2	6047154	6120028	80
MTS-VGA F RW1	5898481	6104670	159	STD-D0 SRO3	6047345	6120048	80
MTS-VGA F SWGR1	5898498	6104673	159	STD-D0 SWGR1	6047086	6120016	68
MTS-VGA S AL1	5898146	6104628	158	STD-D0 SWGR1	6047086	6120016	80
MTS-VGA S RW1	5898122	6104622	158	STD-D0 SWGR2	6047208	6120030	80
MTS-VGA S SWGR1	5898139	6104625	158	STD-D0 SWGR3	6047383	6120050	80
				STD-D0C AL1	6049608	6120352	118
MTU 2	5113287	7407836	144	STD-D0C AL2	6049738	6120372	118
MTU 3	5113294	7407840	144	STD-D0C AL3	6050031	6120392	118
MTU B	5861300	7407047	148	STD-D0C MZGN1	6049486	6120346	118
MTU ZE	5113300	7407844	144	STD-D0C MZGN2	6049660	6120366	118
				STD-D0C MZGN3	6049790	6120386	118
PAD-ID6 AL1	6049189	6120005	84	STD-D0C ROR1	6049431	6120344	118
PAD-ID6 RW1	6049127	6120003	69	STD-D0C ROR2	6049622	6120364	118
PAD-ID6 RW1	6049127	6120003	84	STD-D0C ROR3	6049783	6120384	118
PAD-ID6 RW1	6049127	6120003	156	STD-D0C RW1	6049387	6120340	118
PAD-ID6 SWGR1	6049134	6120001	69	STD-D0C RW2	6049615	6120362	118
PAD-ID6 SWGR1	6049134	6120001	84	STD-D0C RW3	6049745	6120382	118
PAD-ID6 SWGR1	6049134	6120001	156	STD-D0C SRO1	6049509	6120348	118
				STD-D0C SRO2	6049677	6120368	118
QWT S 3 3M G	7003920	1450133	71	STD-D0C SRO3	6049974	6120388	118
QWT S 3 3M G	7003920	1450133	76	STD-D0C SWGR1	6049554	6120350	118
QWT S 3 5M G	7003937	1450134	71	STD-D0C SWGR2	6049721	6120370	118
QWT S 3 5M G	7003937	1450134	76	STD-D0C SWGR3	6050024	6120390	118
QWT TK 2 3M G	7004125	1450627	71	STD-D0C8 AL1	6050277	6120422	119
QWT TK 2 3M G	7004125	1450627	76	STD-D0C8 AL2	6050390	6120442	120
QWT TK 2 5M G	7004132	1450628	71	STD-D0C8 AL3	6050512	6120462	121
QWT TK 2 5M G	7004132	1450628	76	STD-D0C8 MZGN1	6050222	6120416	119
QWT UW 3 3M G	7003128	1450432	71	STD-D0C8 MZGN2	6050345	6120436	120
QWT UW 3 3M G	7003128	1450432	76	STD-D0C8 MZGN3	6050468	6120456	121
QWT UW 3 5M G	7003135	1450433	71	STD-D0C8 ROR1	6050208	6120414	119
QWT UW 3 5M G	7003135	1450433	76	STD-D0C8 ROR2	6050321	6120434	120
		/pc.		STD-D0C8 ROR3	6050444	6120454	121
RS-BS AL1	6570959	6120954	183	STD-D0C8 RW1	6050154	6120412	119
RS-BS RW1	6570935	6120950	183	STD-D0C8 RW2	6050314	6120432	120
RS-BS SWGR1	6570942	6120952	183	STD-D0C8 RW3	6050437	6120452	121
				STD-D0C8 SRO1	6050253	6120418	119
				STD-D0C8 SRO2	6050376	6120438	120



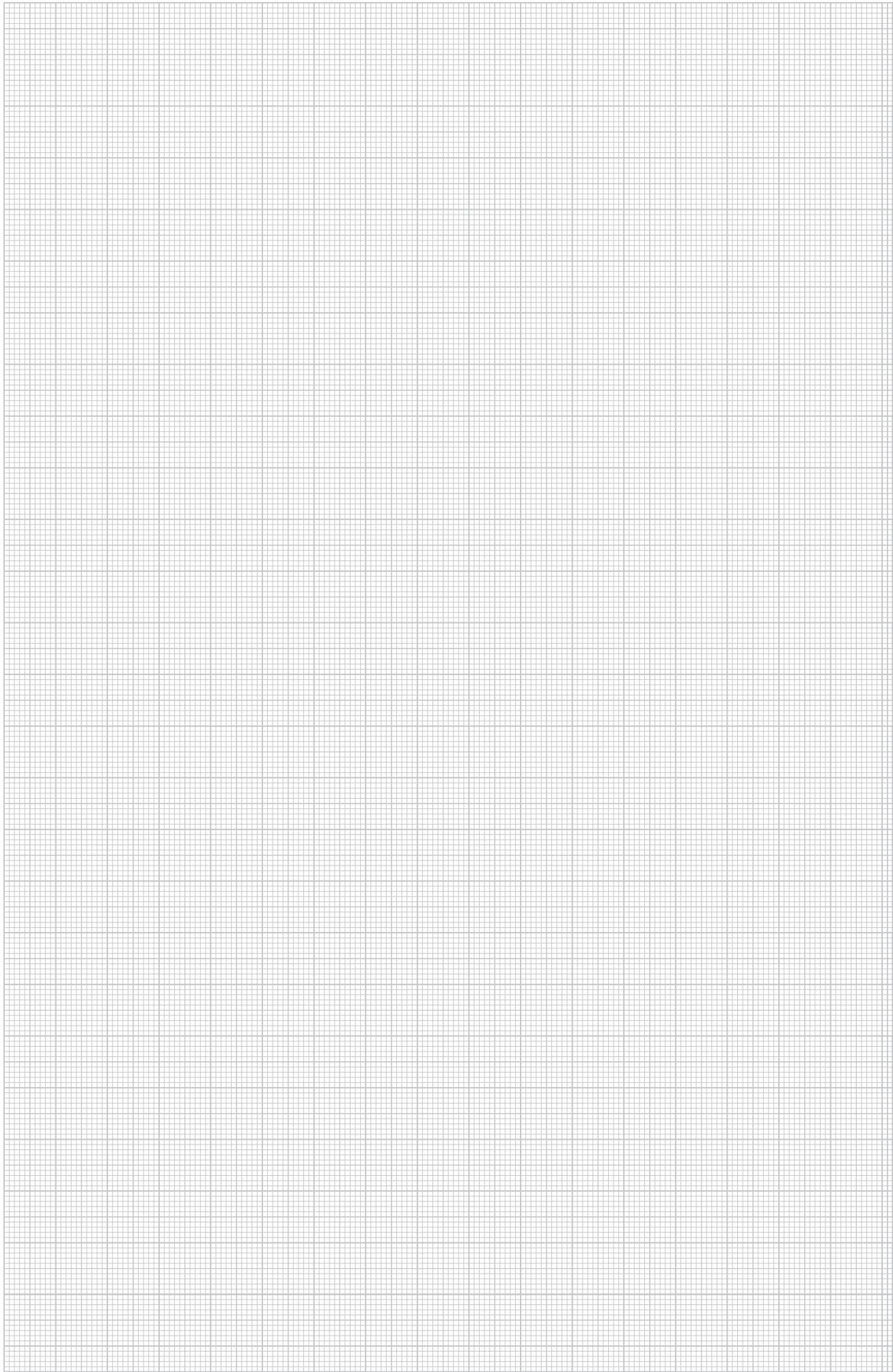
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STD-D0C8 SWGR1	6050260	6120420	119	UTC4 FI W OR2	6690640	7404698	98
STD-D0C8 SWGR2	6050383	6120440	120	UTC4 FI W WS2	6690633	7404696	98
STD-D0C8 SWGR3	6050505	6120460	121			/pc.	
STD-D0K SRO1	6049073	6120292	81	UTC4 G OR2	6557561	7404670	104
STD-D0K SRO2	6049141	6120294	81	UTC4 G OR2GN1	6557691	7404688	105
STD-D0K SRO3	6049196	6120296	82	UTC4 G OR4	6557578	7404672	106
STD-D3C MZGN2	6050581	6120486	121	UTC4 G W2	6557585	7404674	104
STD-D3C MZGN3	6050703	6120506	122	UTC4 G W2OR2	6557615	7404676	105
STD-D3S AL1	7255732	6120083	82	UTC4 G W2OR2 Ü	6557622	7404678	105
STD-D3S AL2	7256128	6120114	83	UTC4 G W3	6557646	7404680	105
STD-D3S AL3	7256449	6120133	83	UTC4 G W3OR1	6557677	7404684	106
STD-D3S MZGN1	7255589	6120077	68	UTC4 G W3OR1 Ü	6557684	7404686	106
STD-D3S MZGN1	7255589	6120077	82	UTC4 G W4	6557639	7404682	106
STD-D3S MZGN2	7255923	6120107	68	UTC4 W OR2	6687749	7404613	96
STD-D3S MZGN2	7255923	6120107	83	UTC4 W OR2GN1	6687831	7404623	98
STD-D3S MZGN3	7256272	6120127	83	UTC4 W OR4	6687756	7404614	97
STD-D3S ROR1	7255565	6120075	68	UTC4 W W2	6687763	7404615	96
STD-D3S ROR1	7255565	6120075	82	UTC4 W W2OR2	6687770	7404616	97
STD-D3S ROR2	7255879	6120105	68	UTC4 W W2OR2 Ü	6687787	7404617	97
STD-D3S ROR2	7255879	6120105	83	UTC4 W W3	6687794	7404618	97
STD-D3S ROR3	7256227	6120125	83	UTC4 W W3OR1	6687817	7404621	98
STD-D3S RW1	7255572	6120073	68	UTC4 W W3OR1 Ü	6687824	7404622	98
STD-D3S RW1	7255572	6120073	82	UTC4 W W4	6687800	7404619	97
STD-D3S RW2	7255787	6120103	68			/pc.	
STD-D3S RW2	7255787	6120103	83	UVS-6S2	5122265	6108000	109
STD-D3S RW3	7256173	6120123	83	UVS-6S2SA	5522997	6108012	109
STD-D3S SRO1	7255633	6120079	68	UVS-6S6W2	5122289	6108010	109
STD-D3S SRO1	7255633	6120079	82	UVS-6S6W2SA	5523017	6108016	110
STD-D3S SRO2	7256005	6120109	68	UVS-6W2	5122272	6108005	109
STD-D3S SRO2	7256005	6120109	83	UVS-6W2SA	5523000	6108014	109
STD-D3S SRO3	7256326	6120129	83	UVS-WIN 6S	6688173	6107986	100
STD-D3S SWGR1	7255688	6120081	68	UVS-WIN 6S6W	6688197	6107990	101
STD-D3S SWGR1	7255688	6120081	82	UVS-WIN 6W	6688180	6107988	100
STD-D3S SWGR2	7256050	6120111	68	UVS-WIN F6S	6688142	6107980	100
STD-D3S SWGR2	7256050	6120111	83	UVS-WIN F6S6W	6688166	6107984	100
STD-D3S SWGR3	7256371	6120131	83	UVS-WIN F6W	6688159	6107982	100
STD-D3SC AL2	7256777	6120493	121			/pc.	
STD-D3SC AL3	7257071	6120513	122	VB-2 GST18i3p	6584673	6108086	112
STD-D3SC MZGN2	7256593	6120487	121				
STD-D3SC MZGN3	7256920	6120507	122	VB2-WIN 3P	6688289	6108970	102
STD-D3SC ROR2	7256548	6120485	121			/pc.	
STD-D3SC ROR3	7256876	6120505	122	VB-3 GST18i3p	5273721	6108080	112
STD-D3SC RW2	7256494	6120483	121				
STD-D3SC RW3	7256821	6120503	122	VB3-WIN 3P	6688296	6108972	102
STD-D3SC SRO2	7256647	6120489	121			/pc.	
STD-D3SC SRO3	7256975	6120509	122	VB-5 GST18i3p	5273769	6108082	112
STD-D3SC SWGR2	7256722	6120491	121				
STD-D3SC SWGR3	7257026	6120511	122	VB5-WIN 3P	6688302	6108974	102
		/pc.				/pc.	
ST-F GST18i3p SW	5273530	6108050	110	VB-G GST18i3p	5896975	6108045	107
ST-F GST18i3p W	5273547	6108051	110	VB-SKS S	5438113	6117198	107
				VB-T GST18i3p	5273776	6108084	112
ST-S GST18i3p SW	5273608	6108054	110				
ST-S GST18i3p W	5273646	6108055	110	VH MS FILS	6776238	6109788	63
ST-S GST18i5p SW	5273707	6108070	111	VH MS FILS RW	6776252	6109789	66
ST-S4 GST18i3 SW	6584680	6108060	110				
ST-S4 GST18i3 W	6584697	6108062	110	VH-4 2SD FILS	6776214	6109780	60
						/pc.	
ST-WIN 3P SW	6688227	6108954	101	VH-4 3SD1C16	5125075	6109804	60
ST-WIN 3P W	6688234	6108956	101	VH-4 4SD	5125044	6109802	60
ST-WIN 5P SW	6688265	6108964	101	VH-4 LG	5125037	6109800	61
ST-WIN 5P W	6688272	6108966	101	VH-4 LG RW	6101511	6109801	66
		/pc.		VH-4 TW	5125266	6109832	62
TA-WB AL0.5	6571017	6120964	184	VH-4L 3SD1C16	5125143	6109814	61
TA-WB AL1	6571048	6120970	184	VH-4L 4SD	5125136	6109812	60
TA-WB RW0.5	6570966	6120960	184	VH-4L LG	5125105	6109810	61
TA-WB RW1	6571024	6120966	184				
TA-WB SWGR0.5	6571000	6120962	184	VH-8 LG	5287391	6109821	61
TA-WB SWGR1	6571031	6120968	184	VH-8 LG8P2	5125198	6109820	62
				VH-8 TW	5125440	6109862	62
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UTC3 G W2OR1	6557516	7404660	104	VH-F100VA	6404704	6109829	75
UTC3 G W3	6557554	7404664	104				
UTC3 W W2	6687725	7404610	96	VHF-8 LG	5125204	6109822	72
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VHF-T2	5125389	6109854	73	WS-UKL AL1	6570928	6120942	183
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		price/m		WS-UKL SWGR0.5	6570843	6120928	182
VH-K800	5125549	6109870	71	WS-UKL SWGR1	6570911	6120940	183
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VH-P4	5125327	6109840	63				
VH-P4 RW	6101566	6109841	66				
VH-P5	5125280	6109836	63				
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VL-3Q2.5 H1 SW	5124368	6108450	108				
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VL-3Q2.5 H3 SW	5124382	6108452	108				
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VL-WIN 3P2.5 1SW	6688463	6108710	99				
VL-WIN 3P2.5 1W	6688470	6108712	99				
VL-WIN 3P2.5 3SW	6688487	6108714	99				
VL-WIN 3P2.5 3W	6688494	6108716	99				
VL-WIN 3P2.5 5SW	6688500	6108718	99				
VL-WIN 3P2.5 5W	6688517	6108720	99				
VL-WIN 3P2.5 8SW	6688524	6108722	99				
VL-WIN 3P2.5 8W	6688531	6108724	99				
VL-WIN 3P2.5H1SW	6688548	6108730	99				
VL-WIN 3P2.5H1W	6688555	6108732	99				
VL-WIN 3P2.5H3SW	6688562	6108734	99				
VL-WIN 3P2.5H3W	6688579	6108736	99				
VL-WIN 3P2.5H5SW	6688586	6108738	99				
VL-WIN 3P2.5H5W	6688593	6108740	99				
VL-WIN 3P2.5H8SW	6688609	6108742	99				
VL-WIN 3P2.5H8W	6688616	6108744	99				
		/pc.					
VR-GST18	6584741	6108074	113				
WG-AF2TE RW	5125815	6109932	130				
WG-AK RW	5125730	6109900	130				
WG-MK RW	5125747	6109905	130				
WG-UBR2 RW	5125822	6109934	131				
WG-UBR3 RW	5125860	6109936	131				







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