

# Pluggable connection technology in underfloor systems and cable routing systems

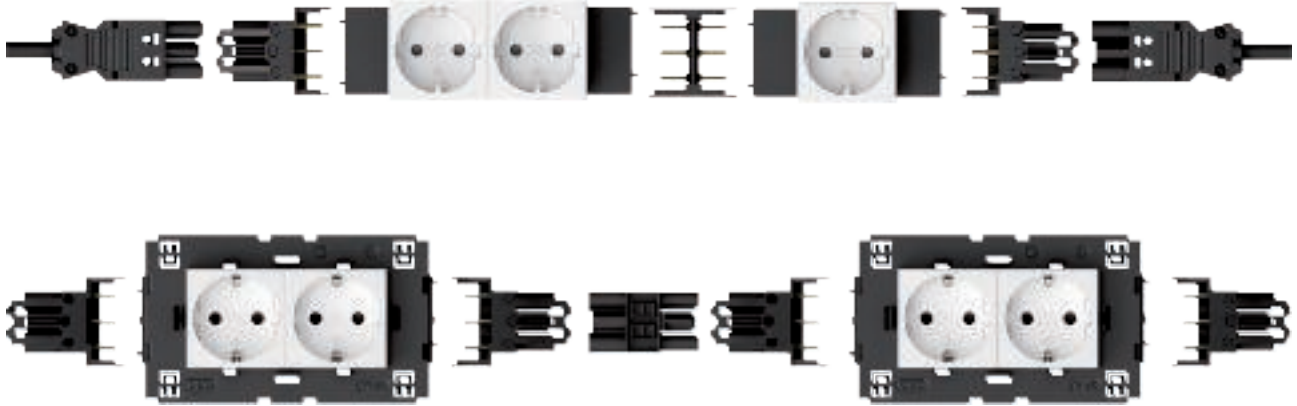
Modul45 connect with Wieland gst 18

**Plug-in connection technology  
in cable routing systems and  
service poles**



**Plug-in connection technology  
in underfloor systems**





Plug-in connection technology with Wieland gst 18 in device installation ducts and service poles up to the socket or device installation socket. The Connect adapter allows the direct connection of connection cables to the Modul 45 sockets - whether in the Rapid 45 or Rapid 80 duct.

**Further information from page 4**



The plug-in connection technology with Wieland gst 18 in underfloor systems goes up to the universal support. The Connect adapter allows the direct connection of connection cables to the Modul 45 sockets.

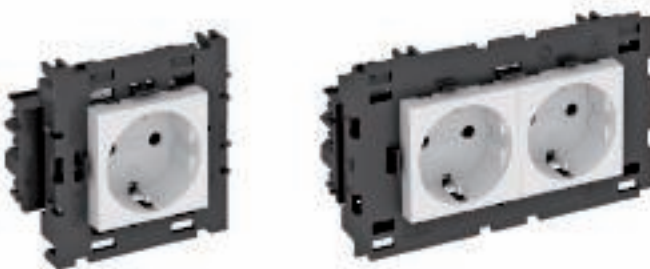
**Further information from page 18**

# 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

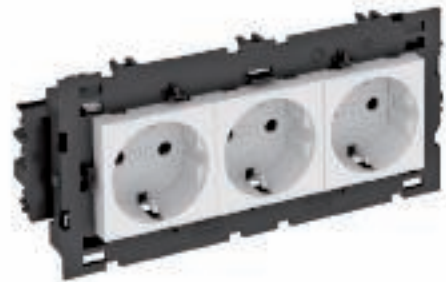


Connection and adapter



Installation accessories and connection cables





## Modul 45connect® in the Rapid 45 trunking



### Device installation in the Rapid 45 device installation 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.

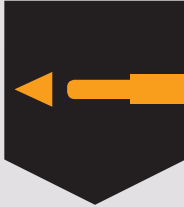




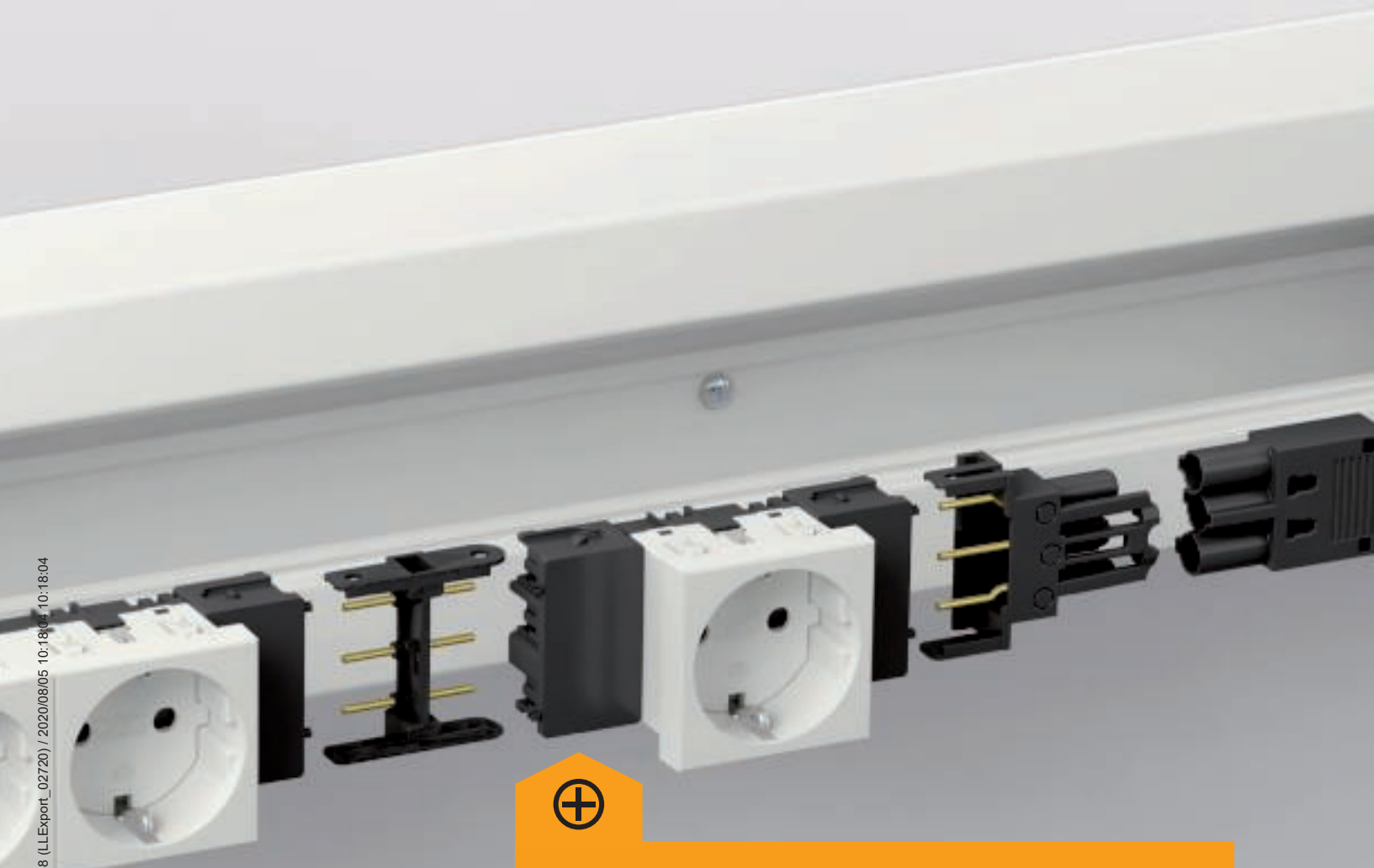
Rapid and toolless installation through Modul 45connect



Safe installation through encoded connection technology



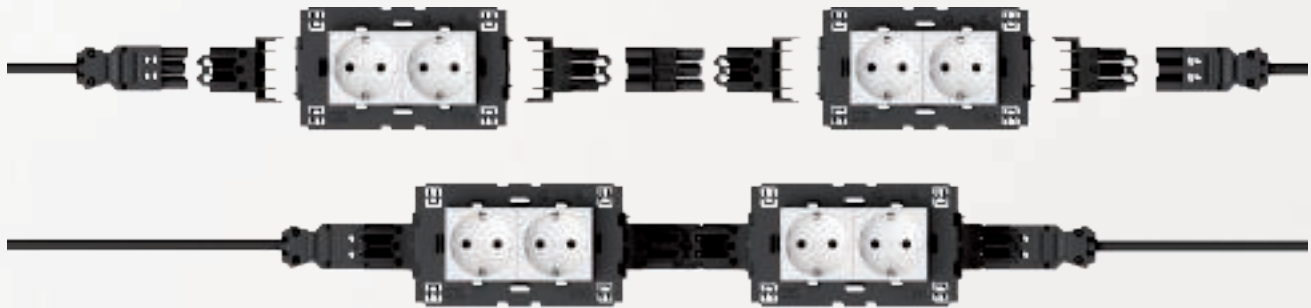
Direct mounting in the trunking – without additional components



### Sockets 0° – Connect 45

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.

## Modul 45connect® in the Rapid 80 trunking



### Device installation in the Rapid 80 device installation 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 multimedia installation is installed in the Rapid 80 trunking using accessory mounting boxes.







Rapid and toolless installation through Modul 45connect



Safe installation through encoded connection technology



Direct mounting in the trunking – without additional components



## Sockets 0° – Connect 80

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.

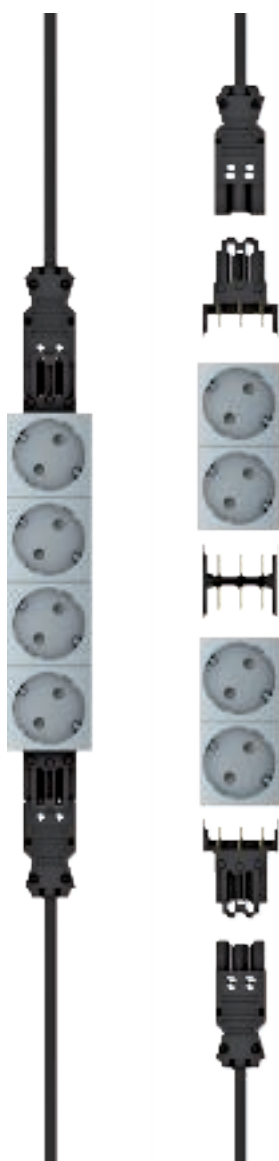
This allows continuous, plug-in installation technology – there is no need for the conventional connection of sockets.

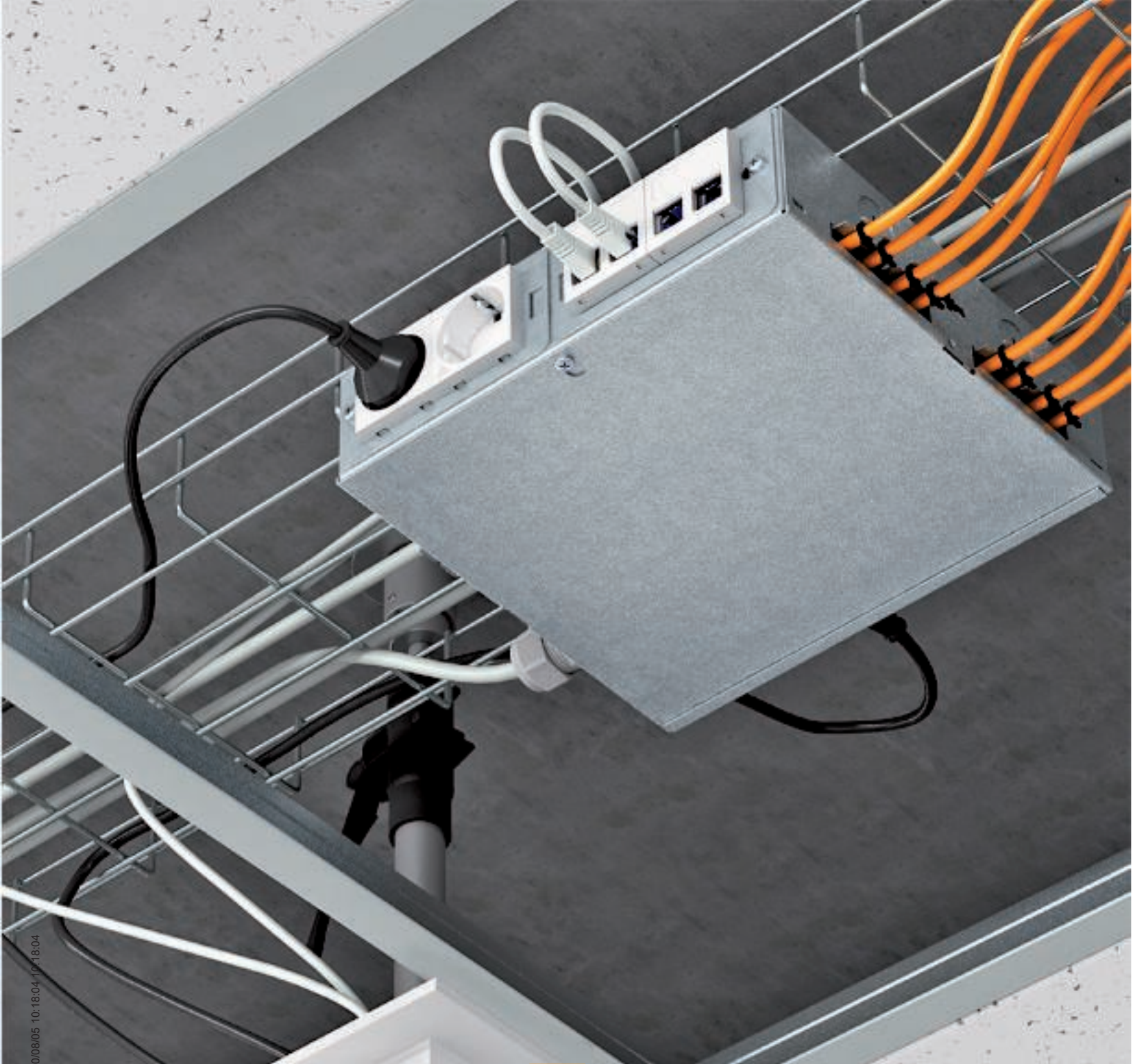
## Modul 45connect® in service poles

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

### Sockets 33° – Connect 45

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.

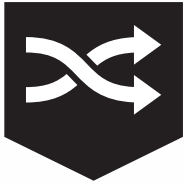




## Energy distribution via Consolidation Point

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.



Rapid and toolless installation through Modul 45connect



Safe installation through encoded connection technology



Direct mounting in the trunking – without additional components



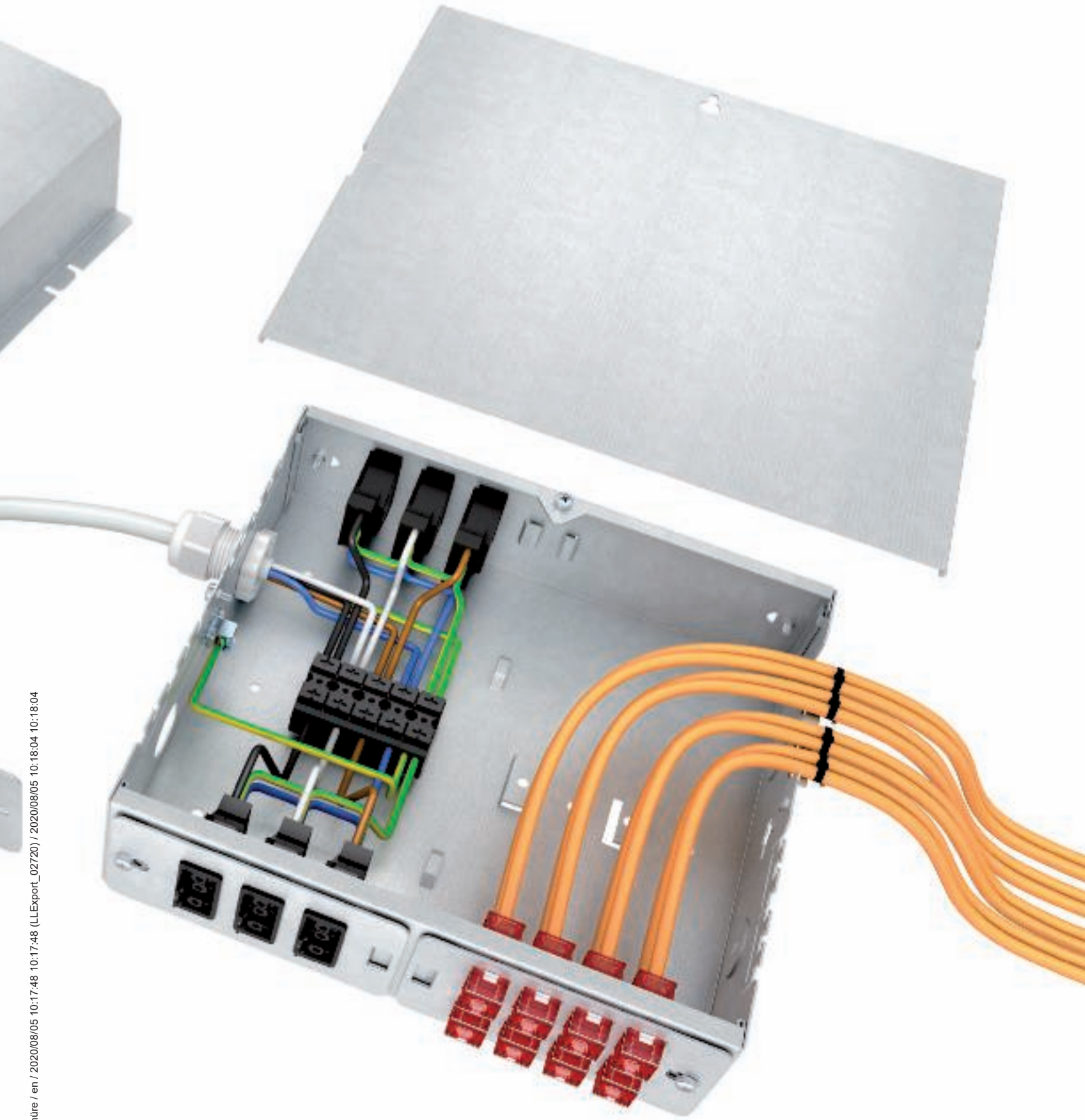
Reduction of the fire load

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.





# Modul 45connect®

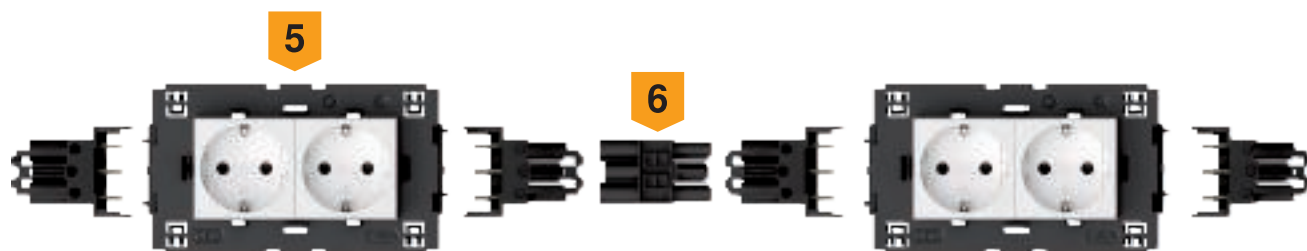
## System components

|   |                              |
|---|------------------------------|
| 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  |

Rapid 45



Rapid 80



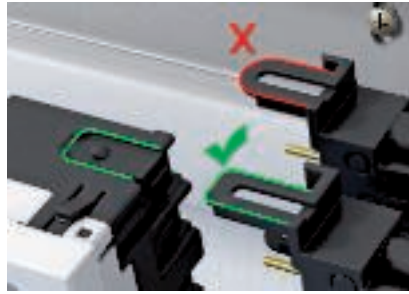
Service poles





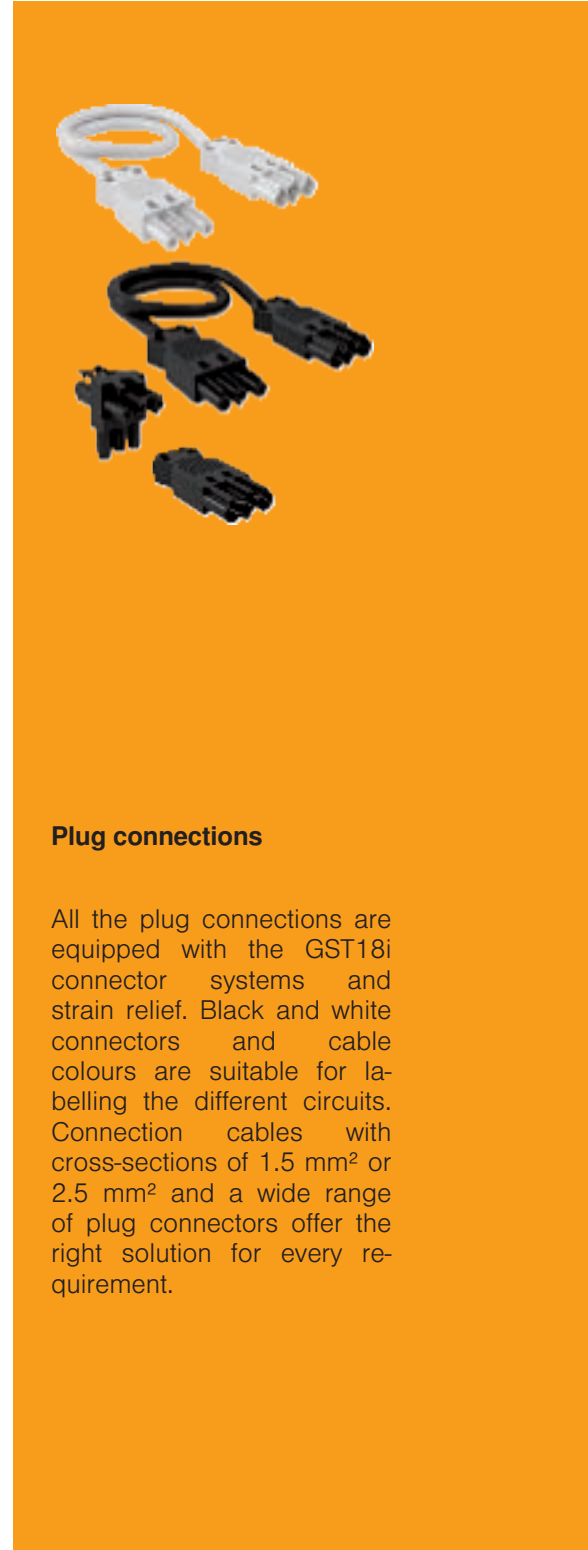
**Encoding connector connection side**

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.



**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 mm<sup>2</sup> or 2.5 mm<sup>2</sup> and a wide range of plug connectors offer the right solution for every requirement.



**Cost-aware**

The efficient installation time and simple installation mean that the 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.



## 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



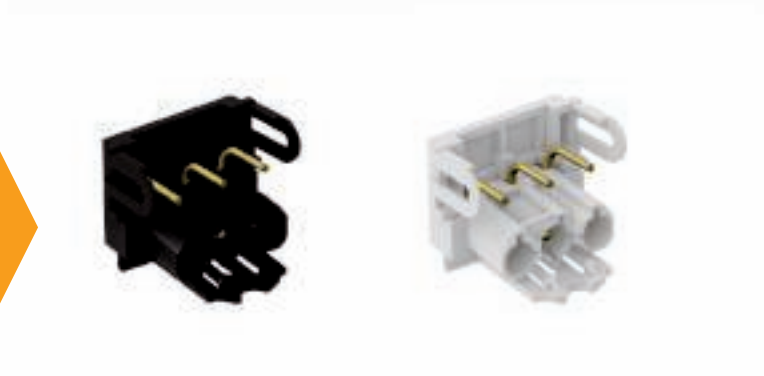
Cavity floor installation

# 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





## 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.



## 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.





## 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.



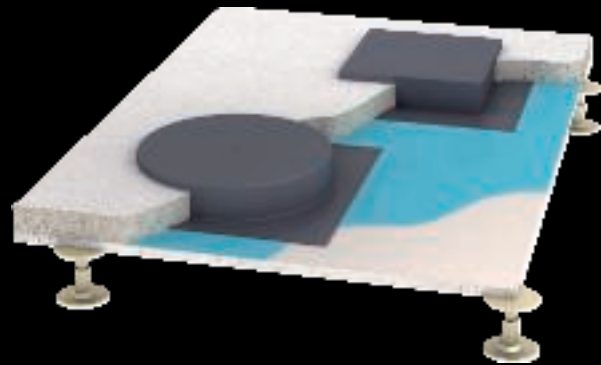


### Connection in the floor box

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 sash locks in the locking ladder.

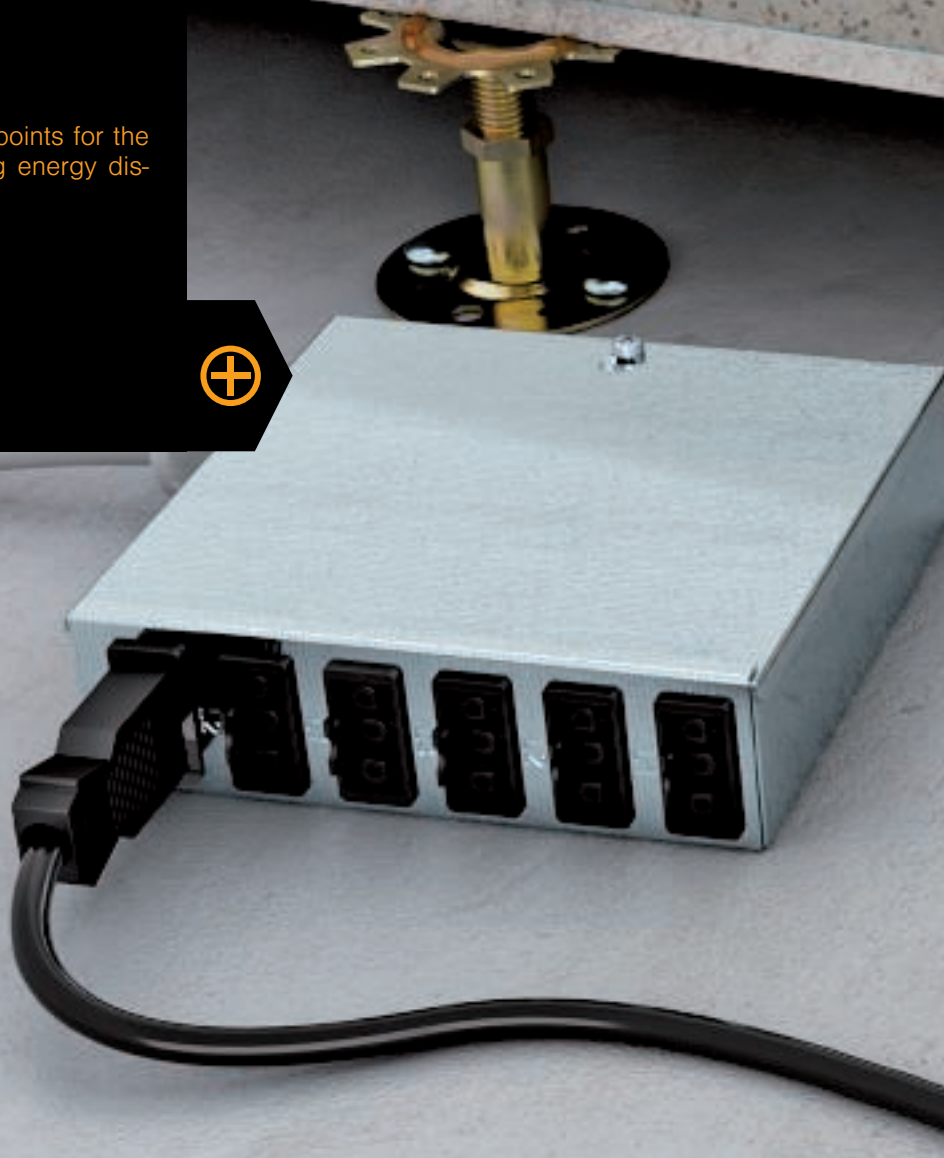
## Cavity floors

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.







EGS Wieland Broschüre / en / 2020/08/05 10:17:48 (LLExpert\_02720) / 2020/08/05 10:18:04 10:18:04



## 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 cassettes. 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.



### 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 mm<sup>2</sup> or 2.5 mm<sup>2</sup> and a wide range of plug connectors offer the right solution for every requirement.



### 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.









## Modul 45connect® – Plug-in installation solutions for de- vice 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.

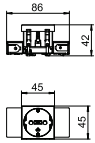
From energy distribution through to device connection in the duct, the system offers all the required installation components.



## Modul 45connect® – plug-in installation solutions for device installation trunking and service poles

|   |  |    |
|---|--|----|
|  | <b>Modul 45connect®, sockets for Rapid 45 device installation trunking</b> | 32 |
|  | <b>Modul 45connect®, sockets for Rapid 80 device installation trunking</b> | 33 |
|  | <b>Modul 45connect®, 33° sockets for ISS service poles</b>                 | 34 |
|  | <b>Modul 45connect®, connection adapter for sockets</b>                    | 35 |
|  | <b>Modul 45connect®, cover frame for 80 mm trunking systems</b>            | 36 |
|  | <b>Consolidation Point</b>   | 38 |

### Socket 0°, Connect 45, protective contact, single

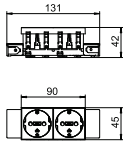


| Type              | STD-D0C RW1    | STD-D0C ROR1   | STD-D0C MZGN1  | STD-D0C SRO1   | STD-D0C SWGR1  | STD-D0C AL1       |
|-------------------|----------------|----------------|----------------|----------------|----------------|-------------------|
| Colour            | Pure white     | Pure orange    | 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.          | <b>6120340</b> | <b>6120344</b> | <b>6120346</b> | <b>6120348</b> | <b>6120350</b> | <b>6120352</b>    |

PC 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

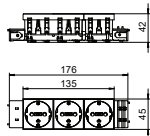


| Type              | STD-D0C RW2    | STD-D0C ROR2   | STD-D0C MZGN2  | STD-D0C SRO2   | STD-D0C SWGR2  | STD-D0C AL2       |
|-------------------|----------------|----------------|----------------|----------------|----------------|-------------------|
| Colour            | Pure white     | Pure orange    | 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.          | <b>6120362</b> | <b>6120364</b> | <b>6120366</b> | <b>6120368</b> | <b>6120370</b> | <b>6120372</b>    |

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



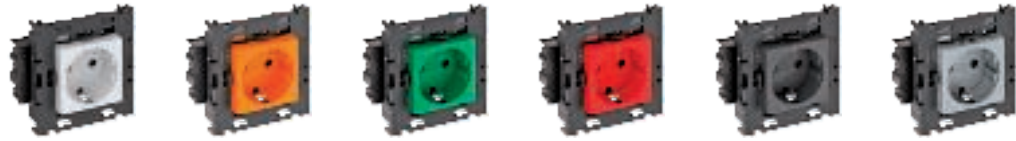
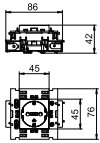
| Type              | STD-D0C RW3    | STD-D0C ROR3   | STD-D0C MZGN3  | STD-D0C SRO3   | STD-D0C SWGR3  | STD-D0C AL3       |
|-------------------|----------------|----------------|----------------|----------------|----------------|-------------------|
| Colour            | Pure white     | Pure orange    | 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.          | <b>6120382</b> | <b>6120384</b> | <b>6120386</b> | <b>6120388</b> | <b>6120390</b> | <b>6120392</b>    |

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 45 device installation trunking systems.



### Socket 0°, Connect 80, protective contact, single

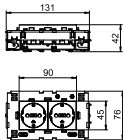


| Type              | STD-D0C8 RW1 | STD-D0C8 ROR1 | STD-D0C8 MZGN1 | STD-D0C8 SRO1 | STD-D0C8 SWGR1 | STD-D0C8 AL1      |
|-------------------|--------------|---------------|----------------|---------------|----------------|-------------------|
| Colour            | Pure white   | Pure orange   | Mint 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           |

PC 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

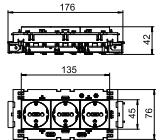


| Type              | STD-D0C8 RW2 | STD-D0C8 ROR2 | STD-D0C8 MZGN2 | STD-D0C8 SRO2 | STD-D0C8 SWGR2 | STD-D0C8 AL2      |
|-------------------|--------------|---------------|----------------|---------------|----------------|-------------------|
| Colour            | Pure white   | Pure orange   | Mint 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

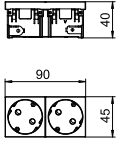


| Type              | STD-D0C8 RW3 | STD-D0C8 ROR3 | STD-D0C8 MZGN3 | STD-D0C8 SRO3 | STD-D0C8 SWGR3 | STD-D0C8 AL3      |
|-------------------|--------------|---------------|----------------|---------------|----------------|-------------------|
| Colour            | Pure white   | Pure orange   | Mint 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.

### Socket 33°, Connect 45, protective contact, double

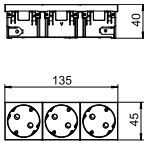


| Type              | STD-D3C RW2    | STD-D3C ROR2   | STD-D3C MZGN2  | STD-D3C SRO2   | STD-D3C SWGR2  | STD-D3C AL2       |
|-------------------|----------------|----------------|----------------|----------------|----------------|-------------------|
| Colour            | Pure white     | Pure orange    | 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.          | <b>6120482</b> | <b>6120484</b> | <b>6120486</b> | <b>6120488</b> | <b>6120490</b> | <b>6120492</b>    |

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.

### Socket 33°, Connect 45, protective contact, triple

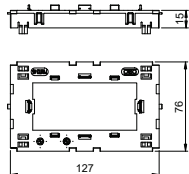


| Type              | STD-D3C RW3    | STD-D3C ROR3   | STD-D3C MZGN3  | STD-D3C SRO3   | STD-D3C SWGR3  | STD-D3C AL3       |
|-------------------|----------------|----------------|----------------|----------------|----------------|-------------------|
| Colour            | Pure white     | Pure orange    | Mint green     | Signal red     | Black-grey     | Aluminium-painted |
| Pack Piece        | 1              | 1              | 1              | 1              | 1              | 1                 |
| Weight kg/100 pc. | 11.500         | 11.500         | 11.500         | 11.500         | 11.500         | 11.500            |
| Item no.          | <b>6120502</b> | <b>6120504</b> | <b>6120506</b> | <b>6120508</b> | <b>6120510</b> | <b>6120512</b>    |

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.

### Mounting support, double, for Modul 45®

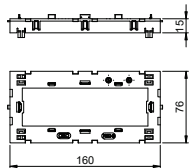


| Type            | Pack Piece | Weight kg/100 pc. | Item no.       |
|-----------------|------------|-------------------|----------------|
| <b>71MT2 45</b> | 5          | 3.050             | <b>6288576</b> |

PA Polyamide

Front locking double mounting support for Modul 45 data technology systems and Modul 45connect protective contact sockets with Wieland connection.

### Mounting support, triple, for Modul 45®



| Type              | Pack Piece | Weight kg/100 pc. | Item no.       |
|-------------------|------------|-------------------|----------------|
| <b>71MT3 45-2</b> | 5          | 3.200             | <b>6288574</b> |

PA Polyamide

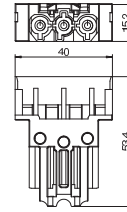
Front locking double/triple mounting support for Modul 45 data technology systems and Modul 45connect protective contact sockets with Wieland connection.

### Connection adapter, straight, connector part

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

PA Polyamide

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.

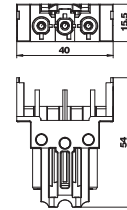


### Connection adapter, straight, socket part

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

PA Polyamide

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.

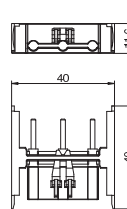


### Modul 45connect® connector

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

PA Polyamide

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

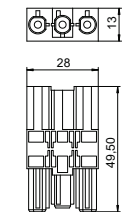


### Connection adapter, GST18i, straight

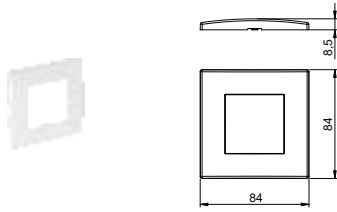
| Type          | Colour | Pack  | Weight     | Item no. |
|---------------|--------|-------|------------|----------|
|               |        | Piece | kg/100 pc. |          |
| VB-G GST18i3p | Black  | 10    | 1.760      | 6108045  |

PA Polyamide

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.



### AR45 cover frame, single

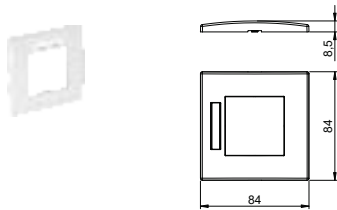


| Type         | Colour            | Pack  | Weight     | Item no. |
|--------------|-------------------|-------|------------|----------|
|              |                   | Piece | kg/100 pc. |          |
| AR45-F1 RW   | Pure white        | 1     | 1.600      | 6119322  |
| AR45-F1 SWGR | Black-grey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

PC Polycarbonate

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.

### AR45 cover frame, single, with labelling panel for horizontal device installation

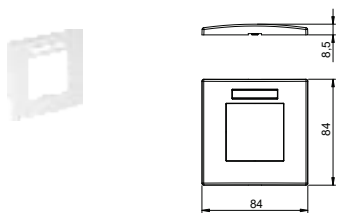


| Type          | Colour            | Pack  | Weight     | Item no. |
|---------------|-------------------|-------|------------|----------|
|               |                   | Piece | kg/100 pc. |          |
| AR45-BF1 RW   | Pure white        | 1     | 1.500      | 6119332  |
| AR45-BF1 SWGR | Black-grey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

PC Polycarbonate

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

### AR45 cover frame, single, with labelling panel for vertical device installation

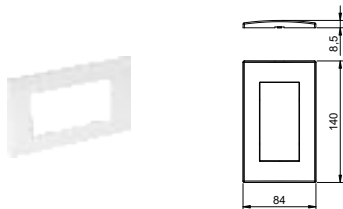


| Type           | Colour            | Pack  | Weight     | Item no. |
|----------------|-------------------|-------|------------|----------|
|                |                   | Piece | kg/100 pc. |          |
| AR45-BSF1 RW   | Pure white        | 1     | 1.500      | 6119338  |
| AR45-BSF1 SWGR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

PC Polycarbonate

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

### AR45 cover frame, double

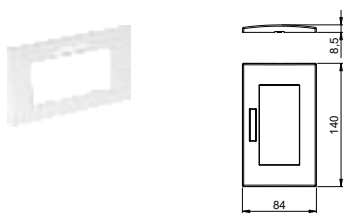


| Type         | Colour            | Pack  | Weight     | Item no. |
|--------------|-------------------|-------|------------|----------|
|              |                   | Piece | kg/100 pc. |          |
| AR45-F2 RW   | Pure white        | 1     | 2.320      | 6119342  |
| AR45-F2 SWGR | Black-grey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

PC Polycarbonate

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.

### AR45 cover frame, double, with labelling panel for horizontal device installation



| Type          | Colour            | Pack  | Weight     | Item no. |
|---------------|-------------------|-------|------------|----------|
|               |                   | Piece | kg/100 pc. |          |
| 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  |

PC Polycarbonate

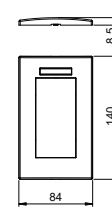
Front locking cover frame for Modul 45 devices, double, with labelling panel for horizontal device installation, for locking in accessory mounting box 71GD13 or in mounting support 71MT2 45.

### AR45 cover frame, 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  |

PC Polycarbonate

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.

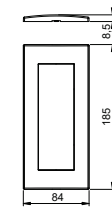


### AR45 cover frame, triple

| 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  |

PC Polycarbonate

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.

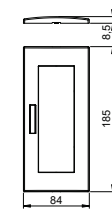


### AR45 cover frame, triple, with labelling panel for horizontal device installation

| 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  |

PC Polycarbonate

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.

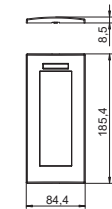


### AR45 cover frame, triple, with labelling panel for vertical device installation

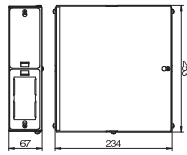
| Type           | Colour            | Pack Piece | Weight kg/100 pc. | Item no. |
|----------------|-------------------|------------|-------------------|----------|
| AR45-BSF3 RW   | Pure white        | 1          | 2.800             | 6119387  |
| AR45-BSF3 SWGR | Black-grey        | 1          |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

PC Polycarbonate

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.



## CP empty housing



Type

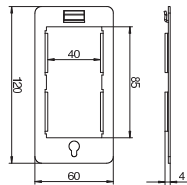
**CP45-LG 8A**

St Steel

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.

| Pack Piece | Weight kg/100 pc. | Item no. |
|------------|-------------------|----------|
| 1          | 190.000           | 6108037  |

## CP support plate, for Modul 45® devices, double



Type

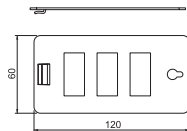
**CP45-TP M**

St Steel

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

| Pack Piece | Weight kg/100 pc. | Item no. |
|------------|-------------------|----------|
| 1          | 4.200             | 6108039  |

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



Type

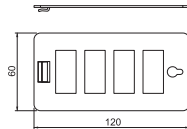
**CP45-TP 3SI**

St Steel

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

| Pack Piece | Weight kg/100 pc. | Item no. |
|------------|-------------------|----------|
| 1          | 6.200             | 6108024  |

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



Type

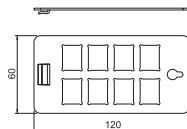
**CP45-TP 4SI**

St Steel

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

| Pack Piece | Weight kg/100 pc. | Item no. |
|------------|-------------------|----------|
| 1          | 5.700             | 6108026  |

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



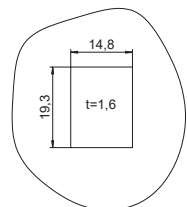
Type

**CP45-TP 8C**

St Steel

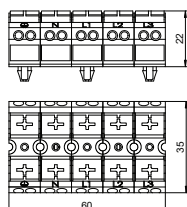
Support plate, type C, to accept eight data connection modules in a Consolidation Point housing. Type C has a mounting opening of 19.30 x 14.80 mm.

Support plate type C is suitable for accepting the following data connection modules: BTR (Keystone design): Cat.6A Modul und UAE Modul; Corning: Modules with Keystone seat; CobiNet: CobiDat KS module; Dätwyler: KS-T, KS-TS, MS-K and KU-T; EKU: E-Stone; Harting: Prelink Keystone Cat.6A, Fixlink Keystone Cat.6A; Komos: KDM 500 module; Leoni Kerpen: MegaLine-Connect45 socket modules Keystone; OBO: Data connection modules snap-In type ASM-C5 S, ASM-C5 GS, ASM-C6 S, ASM-C6 GS and Keystone type ASM-C6A, ASM-C6A G; R&M: Cat.6A with Keystone fastening; Rutenbeck: UM and UMflex; SETEC: UKJ and XKJ; Telegärtner: AMJ and UMJ.



| Pack Piece | Weight kg/100 pc. | Item no. |
|------------|-------------------|----------|
| 1          | 5.400             | 6108028  |

## Terminal strip



Type

**CP45-KL**

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

| Pack Piece | Weight kg/100 pc. | Item no. |
|------------|-------------------|----------|
| 1          | 2.000             | 6108043  |

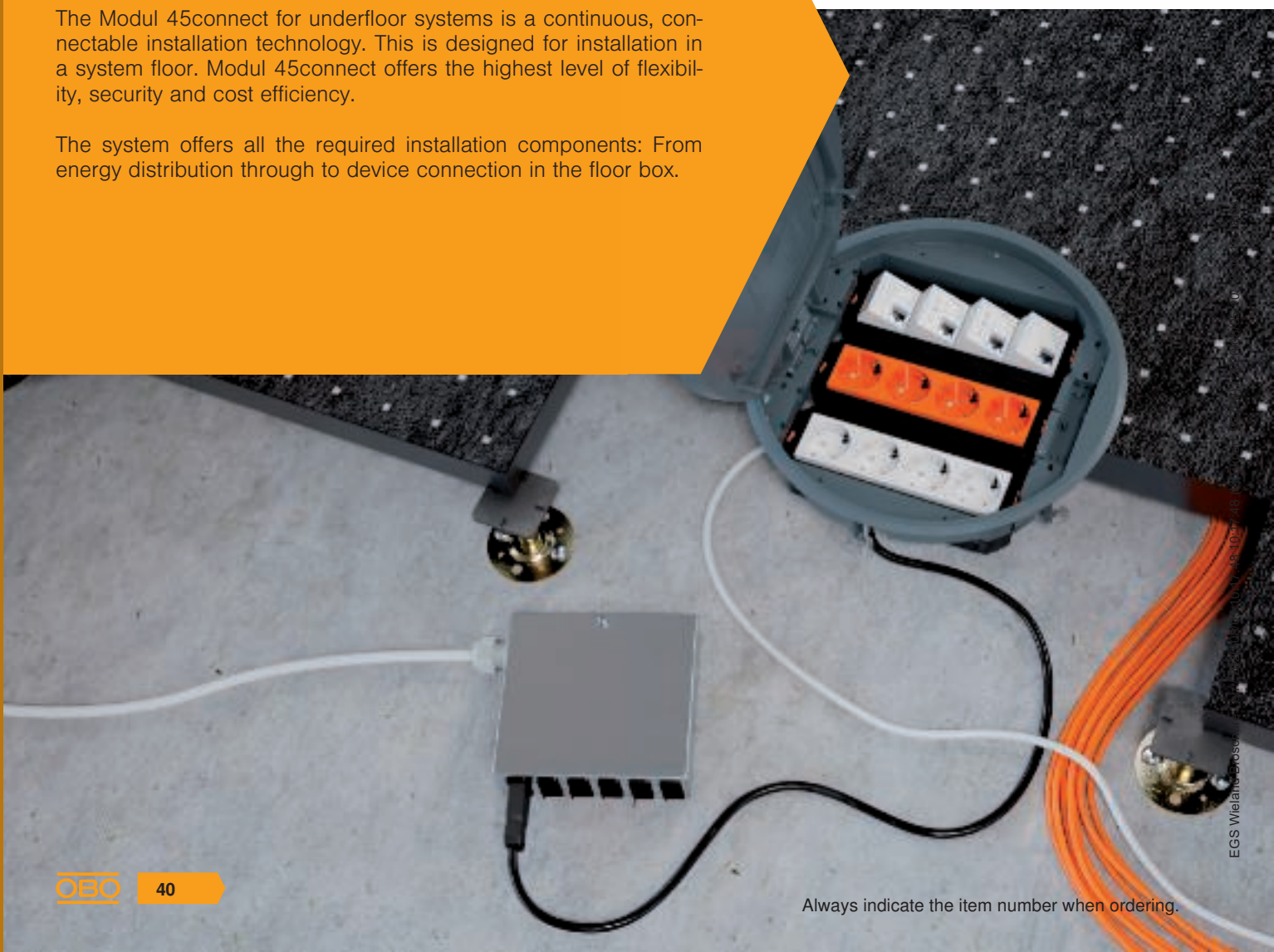




## Modul 45connect® – plug-in installation solutions for raised and cavity floors





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.





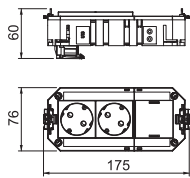
## Modul 45connect® – plug-in device installation solutions for raised and cavity floors

|   |   |    |
|---|---|----|
|  | <b>Modul 45connect®, ready-for-connection universal support UTC</b> | 42 |
|  | <b>Modul 45connect®, sockets and UT universal support</b>           | 45 |
|  | <b>Energy distributor and Consolidation Point</b>                   | 47 |
|  | <b>Installation accessories for GST18 connector system</b>          | 51 |



Ready-for-connection universal support Connect UTC3 with WIELAND plug connector system GST18. Suitable for the VL connection cables and the device installation units of nominal size 2, 4, R4, 6 and R7. Other variants of the ready-for-connection universal support are possible on request or via self-configuration.

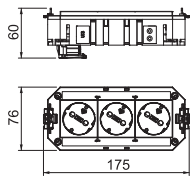
### UTC3 with 2 protective contact sockets



| Type      | Circuit | Plug-in system | Version for       | Pack  | Weight     | Item no. |
|-----------|---------|----------------|-------------------|-------|------------|----------|
|           |         |                |                   | Piece | kg/100 pc. |          |
| 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 reinstallation 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.

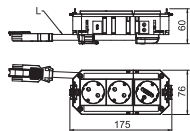
### UTC3 with 3 protective contact sockets



| Type      | Circuit | Plug-in system | Version for       | Pack  | Weight     | Item no. |
|-----------|---------|----------------|-------------------|-------|------------|----------|
|           |         |                |                   | Piece | kg/100 pc. |          |
| 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.

### UTC3 with 2+1 protective contact sockets



| Type         | Circuit | Plug-in system | Version for                              | Pack  | Weight     | Item no. |
|--------------|---------|----------------|--|-------|------------|----------|
|              |         |                |  | Piece | kg/100 pc. |          |
| UTC3 G W2OR1 | 2       | GST18          | Double pure white/<br>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.



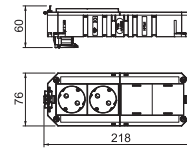
Ready-for-connection universal support Connect UTC4 with WIELAND plug connector system GST18. Suitable for the VL connection cables and the device installation units of nominal size R7, R9 and 9. Other variants of the ready-for-connection universal support are possible on request or via self-configuration.

### 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 reinstallation 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.

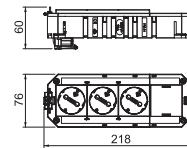


### UTC4 with 3 protective contact sockets



| Type      | Plug-in        |                           | Pack Piece | Weight kg/100 pc. | Item no. |
|-----------|----------------|---------------------------|------------|-------------------|----------|
|           | Circuit system | Version for               |            |                   |          |
| 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 reinstallation 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.

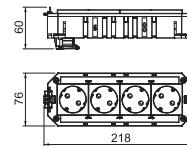


### UTC4 with 4 protective contact sockets



| Type       | Plug-in        |                        | Pack Piece | Weight kg/100 pc. | Item no. |
|------------|----------------|------------------------|------------|-------------------|----------|
|            | Circuit system | Version for            |            |                   |          |
| 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.

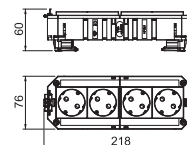


### UTC4 with 2+2 protective contact sockets

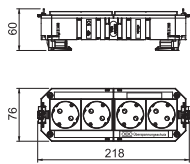


| Type         | Plug-in        |  | Pack Piece | Weight kg/100 pc. | Item no. |
|--------------|----------------|--|------------|-------------------|----------|
|              | Circuit system | Version for                                      |            |                   |          |
| UTC4 G W2OR2 | 2              | GST18   Double pure white/<br>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.



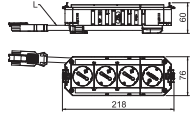
### UTC4 with 2+2 protective contact sockets, 2 sockets with surge protection



| Type           | Circuit | Plug-in |  | Pack | Weight |            | Item no. |
|----------------|---------|---------|--|------|--------|------------|----------|
|                |         | system  | Version for                              |      | Piece  | kg/100 pc. |          |
| UTC4 G W2OR2 Ü | 2       | GST18   | Double pure white/<br>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.

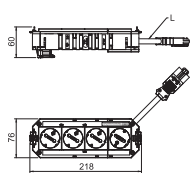
### UTC4 with 3+1 protective contact sockets



| Type         | Circuit | Plug-in |  | Pack | Weight |            | Item no. |
|--------------|---------|---------|--|------|--------|------------|----------|
|              |         | system  | Version for                              |      | Piece  | kg/100 pc. |          |
| UTC4 G W3OR1 | 2       | GST18   | Triple pure white/<br>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.

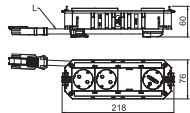
### UTC4 with 3+1 protective contact sockets, 1 socket with surge protection



| Type           | Circuit | Plug-in |  | Pack | Weight |            | Item no. |
|----------------|---------|---------|--|------|--------|------------|----------|
|                |         | system  | Version for                              |      | Piece  | kg/100 pc. |          |
| UTC4 G W3OR1 Ü | 2       | GST18   | Triple pure white/<br>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 2+1 protective contact sockets



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

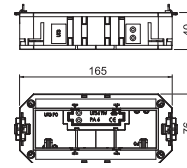
Ready-for-connection universal support UTC4 with halogen-free connection cable. It possesses two pre-installed 33° protective contact sockets in orange and one 33° protective contact socket in mint green with 16 A. A blanking cover allows reinstallation of one installation device of the Modul 45 or Modul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

### UT3 universal support, Modul 45®, system length 165 mm

| Type            | Length | Installation | Width | Height | Pack | Weight | Item no.       |
|-----------------|--------|--------------|-------|--------|------|--------|----------------|
|                 | mm     | technology   | mm    | mm     |      |        |                |
| <b>UT3 45 3</b> | 165    | Grid M45     | 76    | 40     | 1    | 10.600 | <b>7408723</b> |

PA Polyamide

Universal support with two strain reliefs, mounting bridges, partition and cover plate UT3 P3 for the installation 3 of Modul 45 devices in device installation units of the nominal sizes 2, R4, 4 and R7.

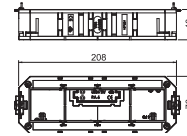


### UT4 universal support, Modul 45®, system length 208 mm

| Type            | Length | Width | Height | Pack | Weight | Item no.       |
|-----------------|--------|-------|--------|------|--------|----------------|
|                 | mm     | mm    | mm     |      |        |                |
| <b>UT4 45 4</b> | 208    | 76    | 40     | 1    | 13.500 | <b>7408727</b> |

PA Polyamide

Universal support with two strain reliefs, mounting bridges, partition and UT4 P4 cover plate for installation of 4 Modul 45 devices in device installation units of nominal sizes R7, R9 and 9.

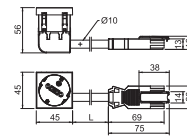


### Socket 33°, Connect 45, protective contact, single

| Type                  | Colour     | Pack | Weight | Item no.       |
|-----------------------|------------|------|--------|----------------|
|                       |            |      |        |                |
| <b>STD-D3C GS RW1</b> | Pure white | 1    | 10.500 | <b>6120810</b> |

PC Polycarbonate

Ready-for-connection protective contact socket single 33°, with increased touch protection, incl. 0.25 m connection cable with GST18 connector and locking clip, 16 A, 250 V~.

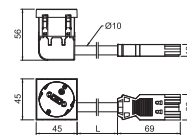


### Socket 33°, Connect 45, protective contact, single

| Type                    | Colour      | Pack | Weight | Item no.       |
|-------------------------|-------------|------|--------|----------------|
|                         |             |      |        |                |
| <b>STD-D3C GW ROR1</b>  | Pure orange | 1    | 10.500 | <b>6120832</b> |
| <b>STD-D3C GW MZGN1</b> | Mint green  | 1    | 10.500 | <b>6120834</b> |
| <b>STD-D3C GW SRO1</b>  | Signal red  | 1    | 10.500 | <b>6120836</b> |

PC Polycarbonate

Ready-for-connection protective contact socket Single 33°, with increased touch protection, incl. 0.25 m connection cable with GST18 connector and locking clip, 16 A, 250 V~.

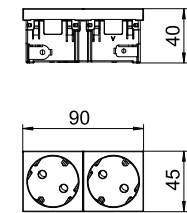


### Socket 33°, Connect 45, protective contact, double

| Type                 | Colour      | Pack | Weight | Item no.       |
|----------------------|-------------|------|--------|----------------|
|                      |             |      |        |                |
| <b>STD-D3C RW2</b>   | Pure white  | 1    | 8.500  | <b>6120482</b> |
| <b>STD-D3C ROR2</b>  | Pure orange | 1    | 8.500  | <b>6120484</b> |
| <b>STD-D3C MZGN2</b> | Mint green  | 1    | 8.500  | <b>6120486</b> |
| <b>STD-D3C SRO2</b>  | Signal red  | 1    | 8.500  | <b>6120488</b> |

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.

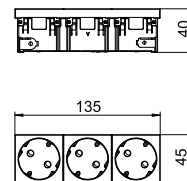


### Socket 33°, Connect 45, protective contact, triple

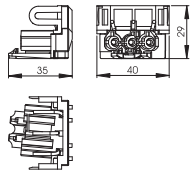
| Type                 | Colour      | Pack | Weight | Item no.       |
|----------------------|-------------|------|--------|----------------|
|                      |             |      |        |                |
| <b>STD-D3C RW3</b>   | Pure white  | 1    | 11.500 | <b>6120502</b> |
| <b>STD-D3C ROR3</b>  | Pure orange | 1    | 11.500 | <b>6120504</b> |
| <b>STD-D3C MZGN3</b> | Mint green  | 1    | 11.500 | <b>6120506</b> |
| <b>STD-D3C SRO3</b>  | Signal red  | 1    | 11.500 | <b>6120508</b> |

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.



## Modul 45connect® connector part adapter

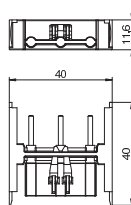


| Type                  | Colour       | Pack Weight |            | Item no.       |
|-----------------------|--------------|-------------|------------|----------------|
|                       |              | Piece       | kg/100 pc. |                |
| <b>STA-SKS SU1 SW</b> | <b>Black</b> | 10          | 1.190      | <b>6117196</b> |

PA Polyamide

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.

## Modul 45connect® connector



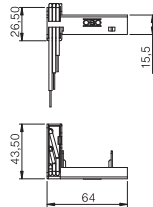
| Type            | Colour       | Pack Weight |            | Item no.       |
|-----------------|--------------|-------------|------------|----------------|
|                 |              | Piece       | kg/100 pc. |                |
| <b>VB-SKS S</b> | <b>Black</b> | 10          | 0.590      | <b>6117198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

PA Polyamide

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

Note: Socket combinations with two connection adapters at most are permitted.

## Surge protection module with support for Modul 45connect



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

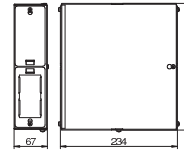
2-pin surge protection module, 16 A/250 V~, with acoustic default display, no network switch-off, for connection to a multiple socket of type Modul 45connect using the supplied support. For installation in universal supports UT3/45 and UT4/45. The surge protection module meets EN 61643-11, type 3, Class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

CP empty housing

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

St Steel

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.

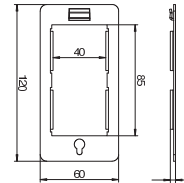


CP support plate, for Modul 45® devices, double

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

St Steel

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

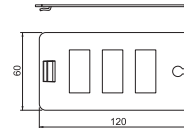


CP support plate for 3 snap-in plug connectors, 3-pole

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

St Steel

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

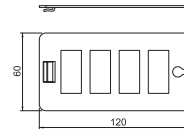


CP support plate for 4 snap-in plug connectors, 3-pole

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

St Steel

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



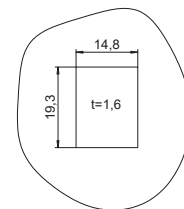
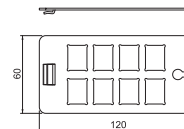
CP support plate, for 8 data connection modules, type C

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

St Steel

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.

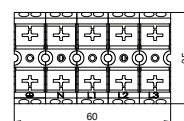
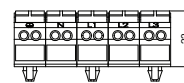
Support plate type C is suitable for accepting the following data connection modules: BTR (Keystone design): Cat.6A Modul und UAE Modul; Corning: Modules with Keystone seat; CobiNet: CobiDat KS module; Dätwyler: KS-T, KS-TS, MS-K and KU-T; EKU: E-Stone; Harting: Prelink Keystone Cat.6A, Fixlink Keystone Cat.6A; Komos: KDM 500 module; Leoni Kerpen: MegaLine-Connect45 socket modules Keystone; OBO: Data connection modules snap-In type ASM-C5 S, ASM-C5 GS, ASM-C6 S, ASM-C6 GS and Keystone type ASM-C6A, ASM-C6A G; R&M: Cat.6A with Keystone fastening; Rutenbeck: UM and UMflex; SETEC: UKJ and XKJ; Telegärtner: AMJ and UMJ.



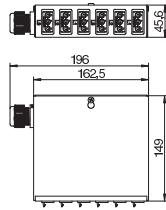
Terminal strip

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

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



### UVS energy distributor with fixed connection, normal circuit



**Type**

**UVS-6S2**

Si Steel

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

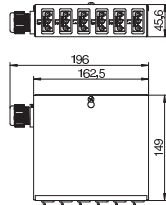
Input: One 3-phase circuit via a screwless terminal block, 5-pin, for cable cross-sections of 0.5–4 mm<sup>2</sup>.

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.

| Pack Piece | Weight kg/100 pc. | Item no. |
|------------|-------------------|----------|
| 1          | 77.000            | 6108000  |

### UVS energy distributor with fixed connection, special circuit



**Type**

**UVS-6W2**

Si Steel

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

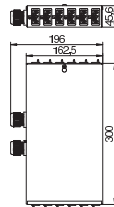
Input: One 3-phase circuit via a screwless terminal block, 5-pin, for cable cross-sections of 0.5–4 mm<sup>2</sup>.

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.

| Pack Piece | Weight kg/100 pc. | Item no. |
|------------|-------------------|----------|
| 1          | 77.000            | 6108005  |

### UVS energy distributor with fixed connection, normal and special circuit



**Type**

**UVS-6S6W2**

Si Steel

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 mm<sup>2</sup>.

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.

| Pack Piece | Weight kg/100 pc. | Item no. |
|------------|-------------------|----------|
| 1          | 146.100           | 6108010  |



### UVS energy distributor with plug connection, normal circuit

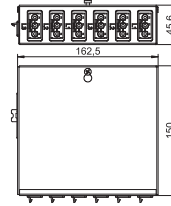
| Type             | Pack  | Weight     | Item no.       |
|------------------|-------|------------|----------------|
|                  | Piece | kg/100 pc. |                |
| <b>UVS-6S2SA</b> | 1     | 79.000     | <b>6108012</b> |

St Steel

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.



### UVS energy distributor with plug connection, special circuit

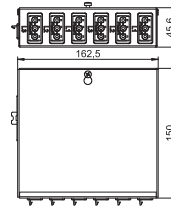
| Type             | Pack  | Weight     | Item no.       |
|------------------|-------|------------|----------------|
|                  | Piece | kg/100 pc. |                |
| <b>UVS-6W2SA</b> | 1     | 79.000     | <b>6108014</b> |

St Steel

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

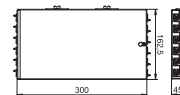
| Type               | Pack  | Weight     | Item no.       |
|--------------------|-------|------------|----------------|
|                    | Piece | kg/100 pc. |                |
| <b>UVS-6S6W2SA</b> | 1     | 140.000    | <b>6108016</b> |

St Steel

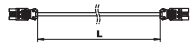
Energy distributor for heavy current technology with plug connection, equipped and pre-wired.

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.



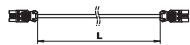
### 3-wire connection cable, halogen-free, cross-section 2.5 mm<sup>2</sup>, white



| Type           | Cable length<br>mm | Cross-section<br>mm <sup>2</sup> | Number<br>of poles | Colour | Pack<br>Piece | Weight<br>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 mm<sup>2</sup> in the version socket – connector with GST18i connection system.

### 3-wire connection cable, halogen-free, cross-section 2.5 mm<sup>2</sup>, black



| Type            | Cable length<br>mm | Cross-section<br>mm <sup>2</sup> | Number<br>of poles | Colour | Pack<br>Piece | Weight<br>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 mm<sup>2</sup> in the version socket – connector with GST18i connection system.

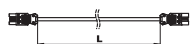
### 3-wire connection cable, PVC, cross-section 2.5 mm<sup>2</sup>, white



| Type          | Cable length<br>mm | Cross-section<br>mm <sup>2</sup> | Number<br>of poles | Colour | Pack<br>Piece | Weight<br>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 mm<sup>2</sup> in the version socket – connector with GST18i connection system.

### 3-wire connection cable, PVC, cross-section 2.5 mm<sup>2</sup>, black



| Type           | Cable length<br>mm | Cross-section<br>mm <sup>2</sup> | Number<br>of poles | Colour | Pack<br>Piece | Weight<br>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 mm<sup>2</sup> in the version socket – connector with GST18i connection system.

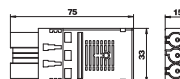
## Connector part 3-pin, spring power connection

| Type             | Colour | Pack  | Weight     | Item no. |
|------------------|--------|-------|------------|----------|
|                  |        | Piece | kg/100 pc. |          |
| 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 mm<sup>2</sup>, single-wire and ultrasonically welded, fine wire cables 1.5 mm<sup>2</sup> 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

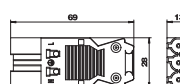


## Connector part, 3-pin, screw connection

| Type             | Colour | Pack  | Weight     | Item no. |
|------------------|--------|-------|------------|----------|
|                  |        | Piece | kg/100 pc. |          |
| 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 mm<sup>2</sup>, 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

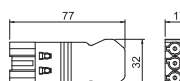


## Connector part, 3-pin, screw connection

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

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Connector part, 3-pin, type GST18i with screw connection for cables of 1.5–4.0 mm<sup>2</sup> and cable diameters between 10.5–14.5 mm (H05VV, NYM), unmounted with strain relief, terminable in situ, 250 V, 16 A.



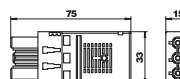
## Socket section 3-pin, spring power connection

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

Socket part, 3-pin, type GST18i with spring power connection for rigid cables of 1.5–2.5 mm<sup>2</sup>, single-wire and ultrasonically welded, fine wire cables 1.5 mm<sup>2</sup> 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

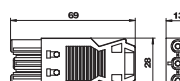


## Socket section 3-pin, screw connection

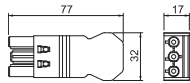
| Type             | Colour | Pack  | Weight     | Item no. |
|------------------|--------|-------|------------|----------|
|                  |        | Piece | kg/100 pc. |          |
| BT-S GST18i3p SW | Black  | 1     | 2.150      | 6108056  |
| BT-S GST18i3p W  | White  | 1     | 2.150      | 6108057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

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 mm<sup>2</sup>, 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 3-pin, screw connection

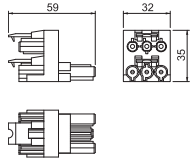


| Type             | Colour | Pack  | Weight     | Item no. |
|------------------|--------|-------|------------|----------|
|                  |        | Piece | kg/100 pc. |          |
| BT-S4 GST18i3 SW | Black  | 1     | 1.600      | 6108064  |
| BT-S4 GST18i3 W  | White  | 1     | 1.600      | 6108066  |

PA Polyamide

Socket section, 3-pin, type GST18i with screw connection for cables of 1.5–4.0 mm<sup>2</sup> and for cable diameters between 10.5–14.5 mm (H05VV, NYM), unmounted with strain relief, terminable in situ, 250 V, 16 A.

## Distributor block, 3-pole

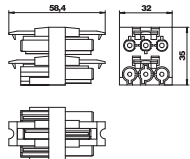


| Type          | Colour | Pack  | Weight     | Item no. |
|---------------|--------|-------|------------|----------|
|               |        | Piece | kg/100 pc. |          |
| VB-2 GST18i3p | Black  | 1     | 3.300      | 6108086  |

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

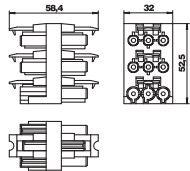
## Distributor block 3-pin



| Type          | Colour | Pack  | Weight     | Item no. |
|---------------|--------|-------|------------|----------|
|               |        | Piece | kg/100 pc. |          |
| 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.

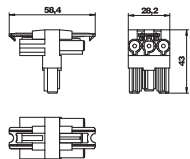
## Distributor block 3-pin



| Type          | Colour | Pack  | Weight     | Item no. |
|---------------|--------|-------|------------|----------|
|               |        | Piece | kg/100 pc. |          |
| 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.

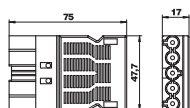
## Distributor block, 3-pin, T-shaped



| Type          | Colour | Pack  | Weight     | Item no. |
|---------------|--------|-------|------------|----------|
|               |        | Piece | kg/100 pc. |          |
| 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.

## Connector part, 5-pin, screw connection



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

Connector part, 5-pin, type GST18i, with screw connection for 1.5–2.5 mm<sup>2</sup> 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.

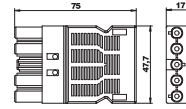
Stripping length: 8 mm  
Jacket removal length: 46 mm

## Socket section 5-pin, screw connection

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

Socket part, 5-pin, type GST18i, with screw connection for 1.5 to 2.5 mm<sup>2</sup> 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

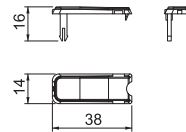


## Locking

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

PA Polyamide

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



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**Building Connections**

