



# Device installation trunking and poles

# 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



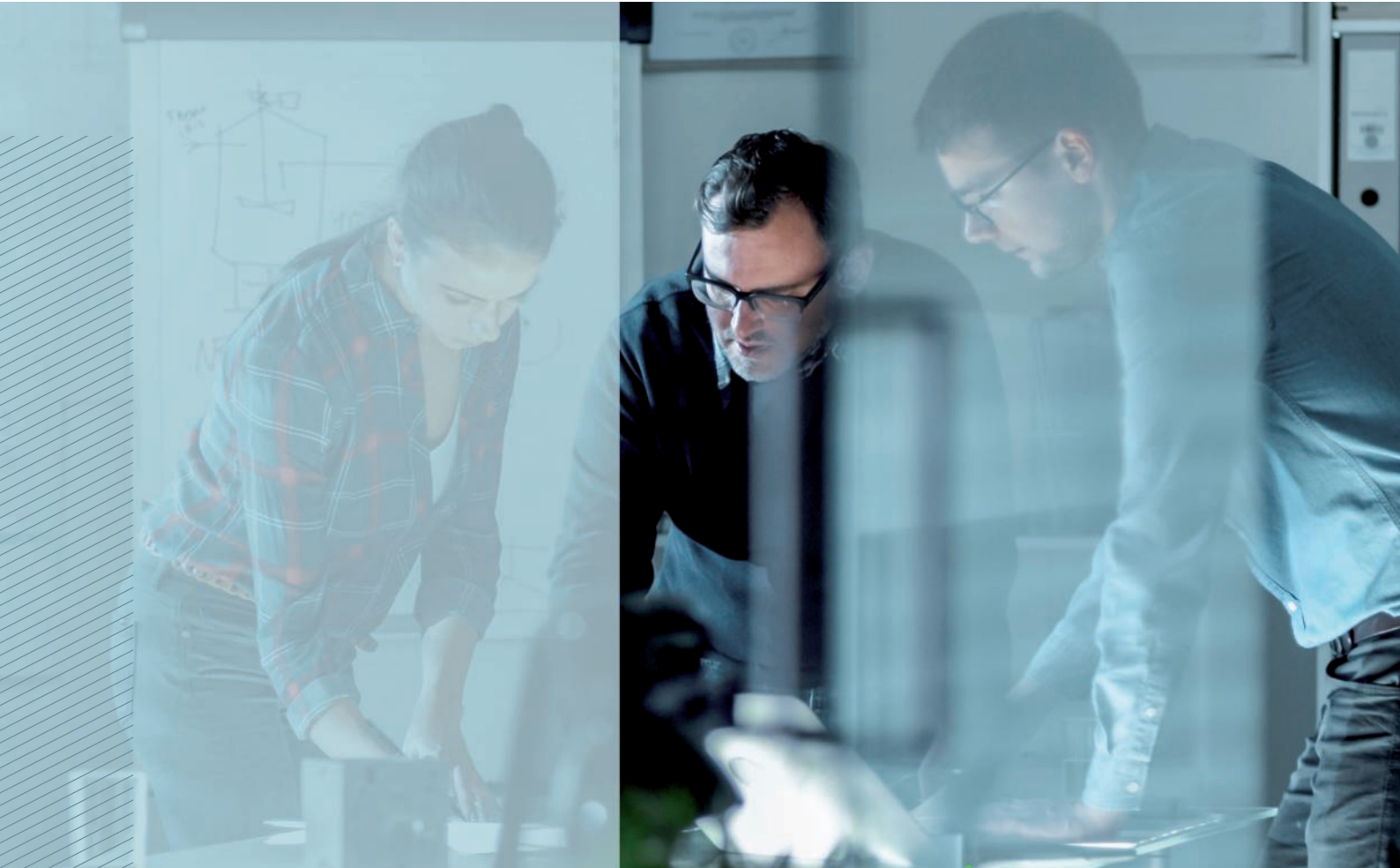
## Safety and protection installations

- 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.

# OBO Support & *contact*



***You have a  
problem?  
We have the  
solution!***

OBO Bettermann is more than the sum of its products. In any situation, we are the reliable partner right by your side. You have a problem? We have the solution!

It doesn't matter in which area of industry our support is needed – from industrial and plant engineering to private, public and administrative buildings, as well as in the areas of mobility and renewable energies – we have everything that you need.

OBO can not only provide the entire electro-technical infrastructure with the best possible products. We can also support you with sound expert knowledge and more than 100 years of experience, right from the planning phase through to the realisation of your projects. OBO – solutions you can rely on.

You can contact our Customer Service department on:

**Customer Service**

**Tel.:+49 23 73 89 - 17 00**

**Monday–Thursday**  
07.30–17.00

**Friday**  
07.30–15.00

**export@obo.de**

## What is OBO Support?

Every OBO product carries a plus inside it, which only a branded product can offer. It is developed, manufactured and tested with a high level of competence, from the idea right through to the final check. In addition, our specialists are available for consultation and can offer you assistance and training courses for products at any time.

Together with you, we plan your project and help you choose the right products, and are also available to you at any time should you need us. From flawless logistics through to practical information – we can provide support at every level. We can offer security through certificates on the conformity of our products with the most important standards and directives.

We are as flexible as you are – because we know how practical people work and what is important to them. Each step is a plus – that is the OBO Support concept.



Service



Training



Handling



Certification

### Service – OBO can help

Everywhere and in every project phase:

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

### Training courses from OBO

- Seminars and workshops
- Local consultation and training courses
- Planner days

### Handling – OBO delivers reliably

With optimised delivery processes:

- Reliable logistics
- Practical transport systems and packaging
- Loading gear handling and disposal concepts

### Certification and guarantee

OBO offers safety. Our products fulfil the most important country-specific regulations:

- Conformity (e.g. IEC, VDE, CE, KEMA, KEUR, UL)
- Certification (e.g. DIN EN, DGNB)
- 5-year guarantee for surge protection products
- Guarantee management





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# Planning aids

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## Inclusion of the device installation trunking systems and metal service poles in the protective measures



### Specifications for safety measures

If there is a fault, touchable metallic parts must not carry voltage. For this reason, it is necessary to carry out appropriate safety measures. These are specified in the currently valid standards. For the creation of device installation trunking systems the standards DIN EN 50085-1 and DIN EN 50085-2-1 apply, for the installation itself the erector regulations DIN VDE 0100 Part 410 and 540 (safety measure against dangerous shock currents) are applicable.

### Different installation types in the European standard

The European standard DIN EN 50085-1 takes different installation types into account, as they are used in different countries within the EU. While only equipotential bonding testing was previously required for installation trunking systems, now the listed component standards also require protective conductor functions. This is because, in some countries, it is possible to route insulated cable in trunking.

### All metallic components must be included

DIN EN 50085-1 requires that all the metallic components can be included in the protective measures. The manufacturers must carry out the appropriate tests and document them. OBO installation trunking is also tested and certified by an external testing office – that of the VDE.

### Testing the effectiveness by the installation engineers

The erection engineer (installation engineer) must test the effectiveness of the protection measures in accordance with DIN VDE 0100 Part 610 after completion. The tightening torque of the contact screws on the earthing terminals and the proper mounting of the couplings must be ensured.



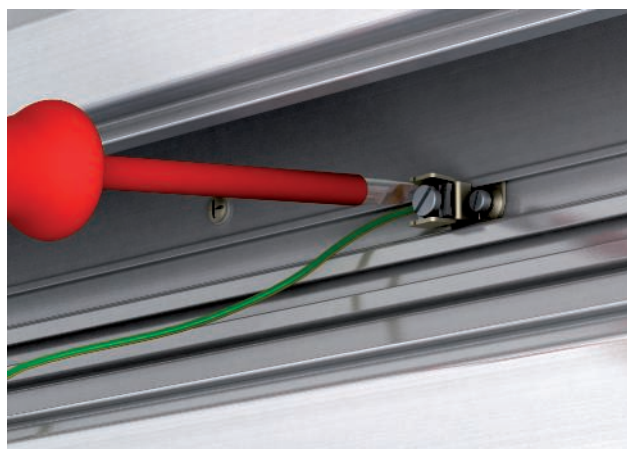
### Continuous protection measures

If the trunking is interrupted at a wall penetration, then continuation of the protective measures is required, as the trunking forms a foreign, conductive part in this case, which spreads through different areas of a building.

With the LKM metallic cable routing trunking, the connection between the cover and base is made without an additional earthing cable. Joint connectors guarantee equipotential bonding between the bases.

Important: Powder-coated metallic covers do not count as mixed construction and are thus not considered as insulating! They should therefore be included in the protection measures. The sheet steel partition is self-contacting. The shielding measure reduces electro-smog and generally achieves improved EMC protection. Protective conductor connections should be created permanently. If there is a change to the system, e.g. for retro-installations, it is important to guarantee the maintenance of the protective functions.

# Who needs to observe which standards?



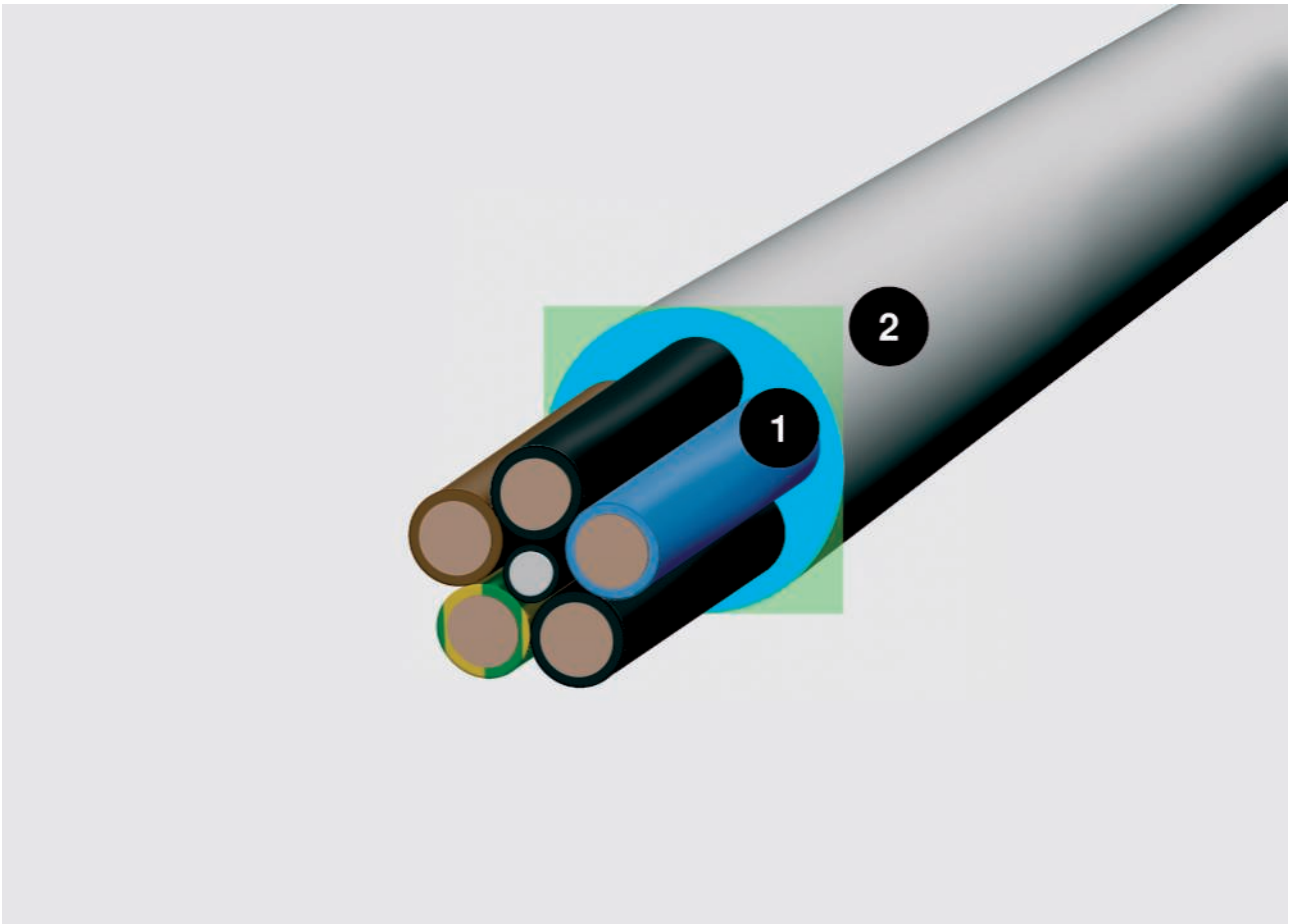
## OBO as a manufacturer

Standard	Title	OBO system
DIN EN 50085-1 Device testing directive	Installation trunking systems for electrical installations – Part 1: General requirements.	All systems
DIN EN 50085-2-1	Special requirements for electrical installation trunking systems on walls or ceilings.	WDK, LKM, SKL, GEK-K, GEK-S, GEK-A
DIN EN 50085-2-2	Special requirements for electrical installation systems for underfloor, flushfloor or on-floor mounting.	Underfloor systems
DIN EN 50085-2-3	Special requirements for wiring trunking systems for installation in switchgear cabinets.	Wiring trunking systems
DIN EN 50085-2-4	Special requirements for free-standing installation units.	Service pole systems

## The installation engineer as systems engineer

Standard	Title	OBO system
VDE 0100 Part 410	Set-up of electrical systems with rated voltages of up to 1,000 V. Protection against electric shock.	All systems
VDE 0100 Part 520	Set-up of electrical systems with rated voltages of up to 1,000 V. Cables.	All systems
VDE 0100 Part 540	Set-up of electrical systems with rated voltages of up to 1,000 V. Equipotential bonding.	All systems
VDE 0100 Part 610	Set-up of electrical systems with rated voltages of up to 1,000 V. First testing of electrical systems before handover to the operator.	All systems
VDE 0298	Set-up of electrical systems with rated voltages of up to 1,000 V. Insulated cables in heavy current systems.	All systems
DIN EN 50310	Application of equipotential bonding and earthing in buildings with information technology equipment.	All systems

# How can I work out the cable volume?



Cable diameter and space required; 1 = diameter in mm, 2 = space required in cm<sup>2</sup>

An important criterion for the selection of the right trunking size of the underfloor system is the cable volume. As the cables are never packed tightly together or are absolutely parallel, it is not enough to base the volume calculation solely on the cable diameter. A realistic calculation is provided by the formula  $(2r)^2$ . To simplify your work, we have listed the diameters and space requirements of the most important cable types on this double page. Important: the values are average values, which may vary between manufacturers. Please refer to the manufacturer's specifications for the exact values.

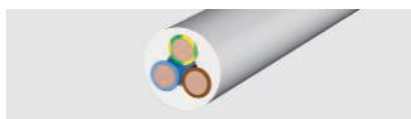
## The right choice

The table on the next pages will help you to select the correct trunking size. Besides the usable cross-section of the appropriate trunking, please observe the current DIN/VDE standards for the fill factor and the approved cable heating.

## Calculation with the formula $(2r)^2$

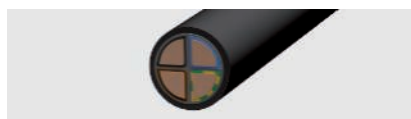
The diameter says little about the actual space required by a cable. Calculate:  $(2r)^2$ . This value reflects the realistic space requirements, including the compartments.

# Basic values for the calculation of the cable volume



## Insulated power cables

Type	Diameter mm	Usable cross-section cm <sup>2</sup>
1 x 4	6.5	0.42
1 x 6	7	0.49
1 x 10	8	0.64
1 x 16	9.5	0.9
1 x 25	12.5	1.56
3 x 1.5	8.5	0.72
3 x 2.5	9.5	0.9
3 x 4	11	1.21
4 x 1.5	9	0.81
4 x 2.5	10.5	1.1
4 x 4	12.5	1.56
4 x 6	13.5	1.82
4 x 10	16.5	2.72
4 x 16	19	3.61
4 x 25	23.5	5.52
4 x 35	26	6.76
5 x 1.5	9.5	0.9
5 x 2.5	11	1.21
5 x 4	13.5	1.82
5 x 6	14.5	2.1
5 x 10	18	3.24
5 x 16	21.5	4.62
5 x 25	26	6.76
7 x 1.5	10.5	1.1
7 x 2.5	13	1.69



## Insulated power cables

Type	Diameter mm	Usable cross-section cm <sup>2</sup>
1 x 10	10.5	1.1
1 x 16	11.5	1.32
1 x 25	12.5	1.56
1 x 35	13.5	1.82
1 x 50	15.5	2.4
1 x 70	16.5	2.72
1 x 95	18.5	3.42
1 x 120	20.5	4.2
1 x 150	22.5	5.06
1 x 185	25	6.25
1 x 240	28	7.84
1 x 300	30	9
3 x 1.5	11.5	1.32
3 x 2.5	12.5	1.56
3 x 10	17.5	3.06
3 x 16	19.5	3.8
3 x 50	26	6.76
3 x 70	30	9
3 x 120	36	12.96
4 x 1.5	12.5	1.56
4 x 2.5	13.5	1.82
4 x 6	16.5	2.72
4 x 10	18.5	3.42
4 x 16	21.5	4.62
4 x 25	25.5	6.5
4 x 35	28	7.84
4 x 50	30	9
4 x 70	34	11.56
4 x 95	39	15.21
4 x 120	42	17.64
4 x 150	47	22
4 x 185	52	27
4 x 240	58	33.6
5 x 1.5	13.5	1.82
5 x 2.5	14.5	2.1
5 x 6	18.5	3.42
5 x 10	20.5	4.2
5 x 16	22.5	5.06
5 x 25	27.5	7.56
5 x 35	34	11.56
5 x 50	40	16



## Telecommunications cables

Type	Diameter mm	Usable cross-section cm <sup>2</sup>
2 x 2 x 0.6	5	0.25
4 x 2 x 0.6	5.5	0.3
6 x 2 x 0.6	6.5	0.42
10 x 2 x 0.6	7.5	0.56
20 x 2 x 0.6	9	0.81
40 x 2 x 0.6	11	1.12
60 x 2 x 0.6	13	1.69
100 x 2 x 0.6	17	2.89
200 x 2 x 0.6	23	5.29
2 x 2 x 0.8	6	0.36
4 x 2 x 0.8	7	0.49
6 x 2 x 0.8	8.5	0.72
10 x 2 x 0.8	9.5	0.9
20 x 2 x 0.8	13	1.69
40 x 2 x 0.8	16.5	2.72
60 x 2 x 0.8	20	4
100 x 2 x 0.8	25.5	6.5
200 x 2 x 0.8	32	10.24



## Coax cable (Standard)

Type	Diameter mm	Usable cross-section cm <sup>2</sup>
SAT/BK cable	6.8	0.48



## IT cables type Cat...

Type	Diameter mm	Usable cross-section cm <sup>2</sup>
Cat. 5	8	0.64
Cat. 6	8	0.64





# Processing materials with the correct tool

Different materials must be processed differently. Chop saws have proved to be very useful when laying device installation trunking. This allows exact cutting.

For trunking made of PVC and PC/ABS:

- Hand saw, fine-tooth (iron saw)
- Piercing saw with iron or plastic saw blade with fine teeth
- Circular saw with plastic saw blade, 350 mm diameter, 80–108 teeth/inch and 2,800 rpm

For ducts and trunking made of sheet steel and aluminium:

- Ribbon saw with saw ribbon for hard metals
- Circular saw with saw blade for hard metals, 350 mm diameter, 80–108 teeth/inch and 2,800 rpm
- Angle grinder with metal separating disc

Thermal expansion coefficient:

- Steel:  $14 \times 10^{-6} \text{ 1/K}$
- Aluminium:  $23.1 \times 10^{-6} \text{ 1/K}$
- Hard PVC:  $71 \times 10^{-6} \text{ 1/K}$

## Take the length expansion of the materials into account

Different materials expand differently and this must be taken into account. The expansion of the materials PVC, steel and aluminium can be calculated using the formula below.

$$\Delta L = L \cdot \alpha \cdot \Delta T$$

L = Length m

$\alpha$  = Thermal expansion co-efficient

$\Delta T$  = Temperature change

## Examples

At a temperature difference  $\Delta T$  of 20 °C, the 2,000 mm standard length changes as follows:

- For hard PVC, 2.84 mm
- For steel, 0.56 mm
- For aluminium, 0.924 mm

## Perfect interplay for more efficient working

Faster and better installation sequences – this is the aim of both ourselves and the manufacturers of electrical devices. Previously used bolt-firing devices have thus become modern nail guns. With its Pulsa 700E, Spit can offer devices of the highest quality for this area of the electrical industry. Many OBO products can be processed particularly efficiently using the devices. This is proved by tests for mounting cable and device installation trunking, carried out with Spit devices.

## Properties of the hard PVC used

Property	Value	DIN
Material designation	PVC-U-E-D-08-04-28	to DIN 7748
Tensile strength	min. 40 N/mm <sup>2</sup>	to DIN 53 455
Crack expansion	min. 85%	to DIN 53 455
Breakdown voltage	min. 20 KV/mm	to DIN 53 481
Surface resistance	min. 1010 Ohm	to DIN 53 455
Shape heat resistance	min. 75 °C	to DIN 53 400/B
Temperature resistance in the application	max. 65 °C	
Flammability	Level V0	to UL 94

You can find more details in the chapter "Chemical resistance of hard PVC" in the "Additional information" part.

# Halogen-free cable routing systems



## This is what it's all about:

- If there is a fire, halogen-free materials reduce the amount of toxic smoke gases. They do not create any corrosive substances.
- In many public buildings, insurance companies require halogen-free materials to protect people and property.
- Particularly in public areas, halogen-free OBO cable routing systems are a safe choice.

Low smoke gas production, low corrosion, safe. Halogen-free installation materials belong in any fire protection plan.

### Dangerous smoke gases from plastics

Plastics have good insulating properties and can be processed easily. However, during a fire they can create aggressive gases. A danger to people and property.

### Heavy smoke creation

Flame-protection agents, based on halogen compounds such as fluorine, iodine, chlorine and bromine, are used to keep the flammability of PVC low. If there is a fire, this safety aspect becomes a dangerous disadvantage: toxic smoke gases, such as carbon dioxide and carbon monoxide, are created. These usually endanger people far faster than flames and heat. For example, in the fire catastrophe at Düsseldorf Airport in 1996 or in the Tauern Tunnel in 1999, considerable quantities of burned plastics contributed to the formation of smoke and hazardous substances. A highly toxic mixture, which can be lethal after just a few breaths.

### Protecting existing buildings better

To ensure increased protection of properties in the event of fire and to prevent subsequent fire damage and costs, halogen-free cable routing systems (made of PC/ABS) must be installed in many public buildings. Standard PVC releases corrosive hydrogen chloride gas, which, in conjunction with the moisture of the extinguishing water, produces hydrochloric acid. Hydrochloric acid presents a wealth of risks: On the one hand, it is harmful to health, as it irritates the respiratory passages and, on the other hand, it attacks buildings because it eats its way through metals and, as an electrically conductive substance, can lead to short circuits. This is why all the halogen-free cable routing systems meet the requirements of DIN EN 50085.



OBO halogen-free cable routing systems protect people, the environment and property. All the products are made from high-quality PC/ABS (polycarbonate/acrylonitrile butadiene styrene). This material is one of the self-extinguishing plastics.

For safe cable routing, OBO offers halogen-free WDKH wall and ceiling trunking and Rapid 80 device installation trunking. Both cable routing systems are available in all the standard dimensions. They are easy to mount, and are stable, are produced to a high level of quality and are dimensionally stable.

**The safety aspects**

- Low smoke creation
- Low toxicity of the smoke gases
- Scarcely any release of corrosive gases
- Perfectly suitable for public areas

**Rapid 80 GKH halogen-free**

Rapid 80 device installation trunking allows flexible and quick access to energy and data on the wall. It is primarily used in public facilities and offices.

**WDKH halogen-free**

OBO wall and ceiling trunking ensures safe cable routing. It can be used as wall or ceiling trunking.

# Individual special colours



## Plastic trunking

The wide range of standard colours and the many possible special colours mean that it is possible to integrate the colour of the cable routing systems into any office landscape. The plastic cable routing trunking and device installation trunking systems are available in the RAL colours pure white (RAL 9010), light grey (RAL 7035), grey (RAL 7030) and cream (RAL 9001) as standard.

## Sheet steel and aluminium trunking

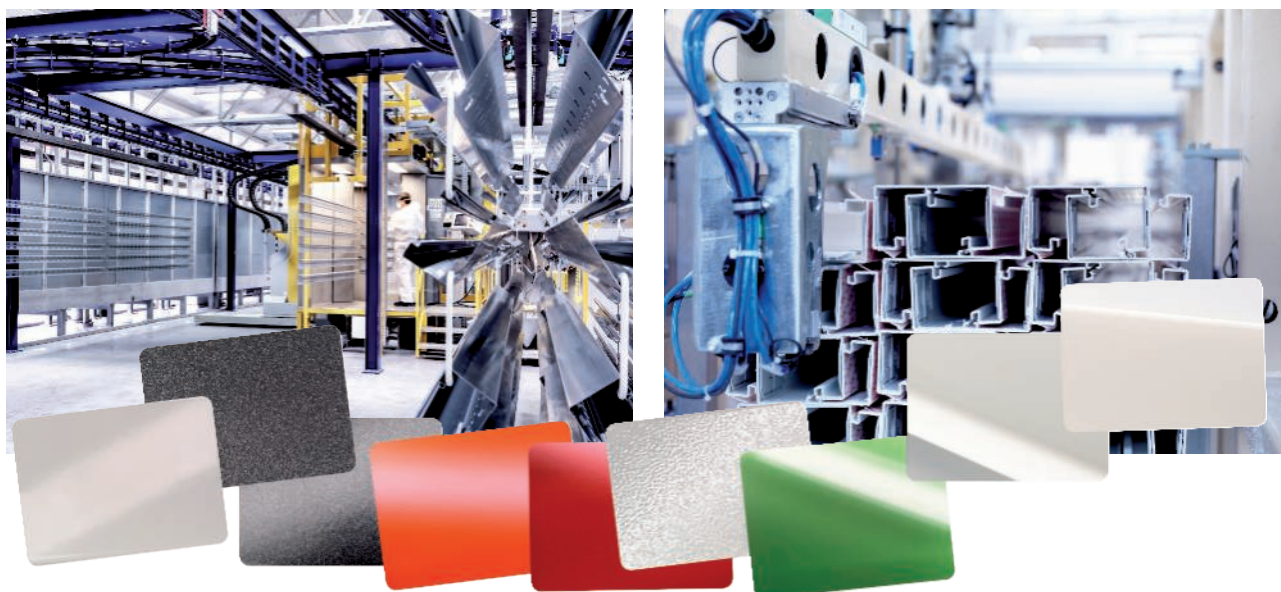
The device installation trunking systems and service poles are made of sheet steel or aluminium and are available in the standard colours pure white, light grey and cream. Powder coating means that all the other RAL colours are possible on sheet steel and aluminium trunking. Alternatively to the RAL standard, both NCS and DB colours can be applied on request.

## Colour deviations

Material-dependent colour deviations may occur on PVC trunking and fittings. This is caused by the differences in gloss on each individual surface. They only absorb a part of the light. "Silky matt" painted surfaces and "matted" surfaces on moulded parts have different structures and thus different levels of gloss. Absolute evenness is impossible. With a shiny surface, a colour appears lighter (greater reflection) and, with a matt surface, darker (greater absorption). Measurement of the differences is therefore extremely difficult.



# Powder coatings for indoor use



## Versatile. Attractive. Robust.

Powdered surface coatings offer a wide range of options. They turn a standard product into an individual solution, whose colour and function are matched exactly to your requirements. The colour and structure ensure a decorative exterior, whilst the coating properties offer high resistance to chemicals, very good corrosion protection and the best possible insulation properties.

<b>Basic</b>	Sheet steel or aluminium
<b>Coating</b>	Epoxy powder-coating
<b>Standard colours</b>	RAL 9010, pure white RAL 9001, cream white RAL 7035, light grey RAL 9016, traffic white
<b>Special colours</b>	RAL, NCS and DB colours Metallic colours
<b>Surface structure</b>	Standard structure: Smooth transitions, different variants from fine to coarse
<b>Surface shine level</b>	Standard gloss level: Approx. 22% diverse variants from matt to high-gloss
<b>Variants</b>	Anti-bacterial High resistance to abrasion

# Plastic materials

ABS/ AVA	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
<b>Temperature resistance:</b>	Permanently up to approx. 110 °C (in water 60 °C), briefly up to 125 °C, and to below minus 35 °C*
<b>Resistant to:</b>	Petrol, turpentine, most weak acids.
<b>Unstable with:</b>	Acetone, benzene, chlorine, methylene chloride, most concentrated acids.
<b>Risk of stress cracks:</b>	Relatively low, media which can cause tension cracking include petrol, aromatic hydrocarbons, methanol, butanol, acetone, turpentine.

PC/ ABS	Polycarbonate/acrylonitrile butadiene styrene
<b>Temperature resistance:</b>	-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.
<b>Resistant to:</b>	Mineral acids, organic acids and aqueous salt solutions
<b>Conditionally resistant to:</b>	Alkalis, hydrocarbons, aromatics and (in trace form) a series of greases and oils.

POM	Polyacetal
<b>Temperature resistance:</b>	Permanently up to approx. 100 °C, briefly up to around 130 °C and to around minus 40 °C*
<b>Resistant to:</b>	Acetone, ether, petrol, weak acetic acid, benzene, heating oil, oils and greases, toluene.
<b>Unstable with:</b>	Methylene chloride, trichloroethylene, hydrochloric acid, nitric acid, sulphuric acid.
<b>Risk of stress cracks:</b>	Low

PP	Polypropylene
<b>Temperature resistance:</b>	Permanently up to approx. 90 °C, briefly up to around 110 °C, and to around minus 30 °C. Chemical resistance generally as for polyethylene.
<b>Resistant to:</b>	Alkalis and inorganic acids.
<b>Unstable with:</b>	Chlorine, hydrocarbons, oxidising acids.
<b>Conditionally resistant to:</b>	Acetone, organic acids, petrol, benzene, diesel oil, most oils.
<b>Risk of stress cracks:</b>	Low, only with some acids such as chromic acid, hydrofluoric acid and hydrochloric acid, as well as nitrogen oxide.

PS	Polystyrene
<b>Temperature resistance:</b>	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*.
<b>Resistant to:</b>	Alkalis, most acids, alcohol.
<b>Unstable with:</b>	Butyric acid, concentrated nitric acid, concentrated acetic acid, acetone, ether, petrol and benzene, solvents for paints and lacquers, chlorine, diesel fuel.
<b>Conditionally resistant to:</b>	Oils and greases.
<b>Risk of stress cracks:</b>	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
<b>Temperature resistance:</b>	Permanently up to approx. 65 °C, briefly up to around 75 °C and to around minus 30 °C.
<b>Resistant to:</b>	Weak acids, alkalis, oils and greases, petrol
<b>Unstable with:</b>	Strong acids, benzene, acetone, iodine, toluene, trichloroethylene.
<b>Risk of stress cracks:</b>	Low, only with some solvents such as benzene and acetone.
<b>Material designation according to DIN 7748:</b>	PVC-U-E-D-080-04-28
<b>Tensile strength to DIN 53 455:</b>	Min. 40 N/mm <sup>2</sup>
<b>Elongation at tear according to DIN 53 455:</b>	Min. 65%
<b>Impact resistance according to DIN 53 481:</b>	Min. 20 KV/mm
<b>Surface resistance according to DIN 5 3 482:</b>	Min. 10 10
<b>Thermoforming resistance according to DIN 53 460/B:</b>	Min. 75 °C
<b>Flammability according to UL 94:</b>	Level V0
<b>Fire behaviour according to EN 13501-1</b>	B-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.



# European classification according to EN 50085-1



## Classification to EN 50085-1

		WDK cable duct	WDKH cable duct	LKM cable routing trunking	SKL skirting duct	VK wiring duct	VKH wiring duct	Rapid 45-2 GK PVC device installation duct	Rapid 45-2 GA aluminium device installation duct	Rapid 80 GK PVC device installation duct	Rapid 80 GKH PC/ABS device installation duct	Rapid 80 GS steel device installation duct	Rapid 80 GA aluminium device installation duct	ISS industrial service pole
6.1	According to material	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2	*2
6.2	According to impact resistance for installation and application			*1										
6.2.1	Electrical installation duct systems for impact energy 0.5 J	x		*1				x						
6.2.2	Electrical installation duct systems for impact energy 1 J			*1										
6.2.3	Electrical installation trunking systems for impact energy 2 J		X	*1	x									
6.2.4	Electrical installation trunking systems for impact energy 5 J			*1					*1	x	x			
6.2.5	Electrical installation trunking systems for impact energy 20 J			*1					x			x	x	x
6.3	According to temperature, as specified in the Tables 1, 2 and 3													
	Table 1: Minimum storage and transport temperatures ± 2 °C													
	-45													
	-25 °C		x	x			x	x	x			x	x	x
	-15 °C				x					x	x			
	-5	x				x								
	Table 2: Minimum installation and application temperatures ± 2 °C													
	-25 °C			x								x	x	x
	-15 °C							x	x	x	x			
	-5	x	x		x									
	+5													
	+15													
	Table 3: Maximum application temperatures ± 2 °C													
	+60	x			x	x		x	x	x		x	x	x
	+90		x				x			x				
	+105													
	+120													
6.4	According to the resistance against fire spread													
6.4.1	Electrical installation duct systems which permit the spread of fire													
6.4.2	Electrical installation trunking systems which do not permit the spread of fire	x	x	x		x	x	x	x	x	x	x	x	x

x appropriate classification, \*1 in test, \*2 in consultation \* 5 Joules for accessories made from PC/ABS



### Classification to EN 50085-1

		WDK cable duct	WDKH cable duct	LKM cable routing trunking	SKL skirting duct	VK wiring duct	VKH wiring duct	Rapid 45-2 GK PVC device installation duct	Rapid 45-2 GA aluminium device installation duct	Rapid 80 GK PVC device installation duct	Rapid 80 GKH PC/ABS device installation duct	Rapid 80 GS steel device installation duct	Rapid 80 GA aluminium device installation duct	ISS industrial service pole
6.5	According to the electrical conductivity													
6.5.1	Electrical installation duct system with electrical conductivity			x					x			x	x	x
6.5.2	Electrical installation duct system without electrical conductivity	x	x		x	x	x	x		x	x			
6.6	According to the electrical insulation property													
6.6.1	Electrical installation duct system without electrical insulation property			x					x			x	x	x
6.6.2	Electrical installation duct system with electrical insulation property	x	x		x	x	x	x		x	x			
6.7	According to the protection ratings offered by the housing or casing to EN 60529:1991													
6.7.1	According to protection against ingress of solid foreign bodies	IP 30	IP 30	IP 30	IP 41			IP* 40	IP* 40	IP 30	IP 30	IP 30	IP 30	IP 30
6.7.2	According to protection against ingress of water													
6.7.3	According to protection against contact with dangerous parts													
6.8	According to protection against corrosive or contaminating substances	-	-	-	-	-	-	-	2	-	-	2	2	3
6.9	According to the fastening type of the system duct cover													
6.9.1	Open the duct cover of the electrical installation duct system without tools	x	x	x		x	x							
6.9.2	Only open the duct cover of the electrical installation duct system with tools						x	x	x	x	x	x	x	x
6.10	According to the electrical protection separation													
6.10.1	Electrical installation duct systems without internal protection separation element	x		x		x	x					x	x	x
6.10.2	Electrical installation duct systems with internal protection separation element		x		x			x	x	x	x			

x appropriate classification, \*2 medium protection, \*3 high protection, \* in the system with accessories made from PVC/ABS, otherwise IP 30, 2 medium protection, 3 high protection



**Classification to EN 50085-2-1**

		WDK cable duct	WDKH cable duct	LKM cable routing trunking	SKL skirting duct	VK wiring duct	VKH wiring duct	Rapid 45-2 GK PVC device installation duct	Rapid 45-2 GA aluminium device installation duct	Rapid 80 GK PVC device installation duct	Rapid 80 GKH PC/ABS device installation duct	Rapid 80 GS steel device installation duct	Rapid 80 GA aluminium device installation duct	ISS industrial service pole
6.101.3	Depending on the type of floor care. Service poles for dry floor cleaning.													
6.101.3.1	Concealed/surface-mounded electrical installation trunking on the wall.	x	x	x				x	x	x	x	x	x	
6.101.3.2	Concealed/surface-mounded electrical installation trunking on the ceiling.	x	x	x				x	x	x	x	x	x	
6.101.3.3	Electrical installation duct on the wall and supported by the base.													
6.101.3.4	Electrical installation duct on the wall and supported by a different horizontal surface than the floor.				x									
6.101.4	Electrical installation duct system, mounted at a distance to the wall or ceiling with fastenings							x	x					
6.102	According to the protection against contact between liquids, insulated cables and parts carrying voltage in the case of skirting ducts and wet cleaning of the floor													
6.102.1	No data													
6.102.2	Add to the instructions of the manufacturer, which limit the installation position of the electrical installation trunking system.													
6.102.3	Build to the instructions of the manufacturer, which allow all the installations of the electrical installation duct system, but limits the layers of insulated cables and parts carrying voltage in the electrical installation duct system.													
6.102.4	Build to the instructions of the manufacturer, which allow all the installations of the electrical installation duct system and allows the layers of insulated cables and parts carrying voltage in the electrical installation duct system.													
6.103	According to type													
6.103.1	Type 1 Electrical installation duct system		x	x	x									
6.103.2	Type 2 Electrical installation duct system (distribution electrical installation duct system)													
6.103.3	Type 3 Electrical installation duct system (installation electrical installation duct system)	x				x	x	x	x	x	x	x	x	

x appropriate classification

# Chemical resistance of hard PVC

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
Alkanoic 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
Aminosalicic 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
Benzine, containing benzole	20	C
Benzine, 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

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

Medium	Temp. °C	Resistance
Butyl acetate	20	C
Butyl butyrate	20	C
Butyl chloride	20	C
Butyl glycolate	20	C
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



# Chemical resistance of hard PVC

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

Medium	Temp. °C	Resistance
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
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

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

Medium	Temp. °C	Resistance
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
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
Rhodianides (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





# Rapid 45-2 device installation trunking, plastic



Plastic device installation trunking, trunking width 100 mm

32



Plastic device installation trunking, trunking width 130 mm

40



Plastic device installation trunking, trunking width 160 mm

44



Plastic device installation trunking, trunking width 165 mm

46



# System description



The new Rapid 45 generation unites a symmetrical design, homogeneous colour quality and technical flexibility in a single system. Innovative fittings allow practical wall installation in administrative buildings, commercial areas and in industry. In four dimensions, the Rapid 45-2 device installation trunking offers a wide range of applications.

Rapid 45-2 combines straightforward design and the highest quality with perfect handling in termination and processing. Accessory parts, such as end pieces or variable fittings, fit both the plastic and also the aluminium trunking.



# Installation principle

Rapid 45-2 device installation trunking, plastic



1	Device installation trunking	11	T piece adapter on WDK
2	Trunking connector and joint cover	12	End piece
3	Joint cover	13	Partition
4	External corner		
5	External corner cover		
6	Flat angle		
7	Flat angle cover		
8	Internal corner		
9	Internal corner cover		
10	T piece adapter		



# Mounting aid



## Office application area

The many practical fittings permit easy integration of the Rapid 45-2 device installation trunking system into any office situation. Switches, sockets and data technology are simply clicked into place.



## Cut trunking

The Rapid 45-2 PVC device installation trunking can be processed using a standard coping saw, whilst the Rapid 45-2 aluminium trunking should be cut with an electrical circular or coping saw.



## Mounting of trunking

The Rapid 45-2 device installation trunking can be mounted quickly on the wall, for example, using knock-in anchors.



## Mounting of variable fittings

The variable fittings allow an attractive cover, even for corners which are not at a right angle. Fixing takes place in the cover contour.



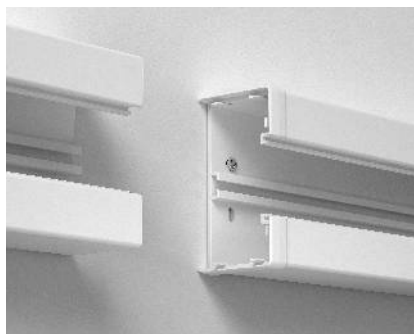
## Mounting of fixed fittings

The fixed fittings are integrated in the trunking base installation.



## Mounting of joint connectors

The joint connectors can be separated from their stalk and serve both as a joint connector and a joint cover to conceal cut edges.



## Mounting of joint cover

The joint cover is attached to the trunking bases. This provides an optically attractive connection for the trunking bases.



## Mounting of joint connectors

In this way, the joint connectors can be used for both PVC trunking and aluminium trunking.



## Mounting of end piece

The end piece is attached to the C profile rail on the trunking base. A spring attached to the end piece locks it securely in place.



## Installation of socket

The cables are connected to the socket.



## Mounting of socket

The socket is pushed into the Rapid 45-2 device installation trunking without additional aids.



## Mounting of socket

The module socket locks into the cover contour.



**Installation complete**

The flexibility ensures clean and quick installation.



**Earthing of aluminium Rapid 45**

The cover for the aluminium trunking system consists of a PVC base profile and an aluminium screen and thus need not be connected conductively to the trunking base.



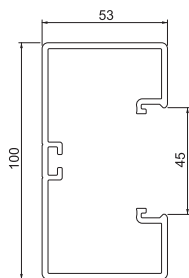
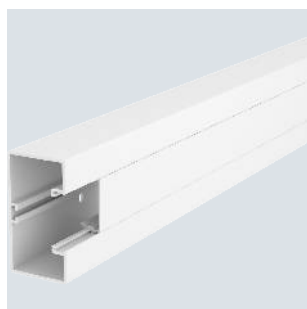
**Mounting of T piece adapter**

Easy-to-mount hood fittings are available for creating rising and falling T pieces.



## Trunking height 53 mm, trunking width 100 mm

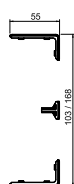
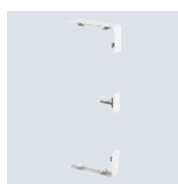
### Device installation trunking Rapid 45-2, trunking width 100, trunking height 53



Type	Colour	Length mm	Pack m	Weight kg/100 m	Item no.
GK-53100RW	Pure white	2000	2	130.300	6113000
GK-53100LGR	Light grey	2000	2	130.300	6113002

Trunking base and cover with base perforation for direct wall mounting.

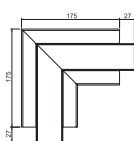
### Trunking connector and joint cover



Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
GK-KS45-1RW	Pure white	6	0.861	6113020
GK-KS45-1LGR	Light grey	6	0.861	6113022

Joint cover for the bases of the Rapid 45-2 device installation trunking to hide cut edges and provide a perfect connection of the trunking segments. The joint covers are attached. Suitable for trunking width 100 mm and 165 mm.

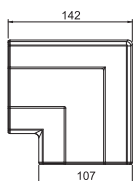
### Flat angle, for device installation trunking Rapid 45-2 type GK-53100



Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
GK-FS53100RW	Pure white	1	34.600	6113080

Flat angle for changing the direction of the Rapid 45-2 device installation trunking.

### Flat angle hood, for Rapid 45-2 device installation trunking, type 53100



Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
GK-FH53100RW	Pure white	1	10.911	6113090

Flat angle as hood fitting for changing the direction of the Rapid 45-2 device installation trunking.

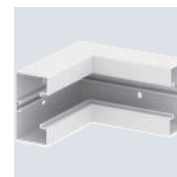
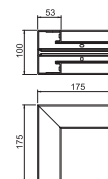
PVC



### Internal corner, for device installation trunking Rapid 45-2 type GK-53100

Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
GK-IS53100RW	Pure white	1	34.200	6113060

90° internal corner for changing the direction of the Rapid 45-2 device installation trunking.



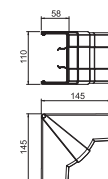
PC/ABS



### Internal corner hood, for Rapid 45-2 device installation trunking, type 53100

Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
GK-IH53100RW	Pure white	1	12.856	6113070

Internal corner for changing the direction of Rapid 45 device installation trunking.



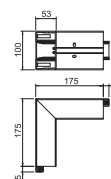
PVC



### External corner, for device installation trunking Rapid 45-2 type GK-53100

Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
GK-AS53100RW	Pure white	1	40.400	6113040

90° fixed external corner for changing the direction of Rapid 45-2 device installation trunking.



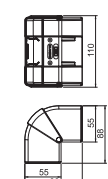
PC/ABS



### External corner hood, for Rapid 45-2 device installation trunking, type 53100

Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
GK-AH53100RW	Pure white	1	7.153	6113050

External corner for changing the direction of Rapid 45-2 device installation trunking. The fittings can be adjusted between 80–110°.



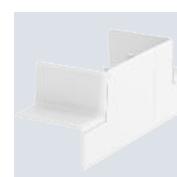
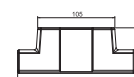
PC/ABS



### T piece adapter, for device installation trunking Rapid 45-2 type GK-53100

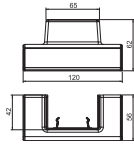
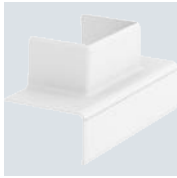
Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
GK-TR53100RW	Pure white	1	3.405	6113100

T piece to create a 90° junction of the system size 53100 on the system size 53100.



### T piece adapter WDK 40060

PC/ABS

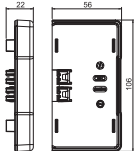


Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
GK-TA WDK 1RW	Pure white	1	3.002	6113310

T-piece adapter to create a 90° junction from the system size Rapid 45-2 53100 and 53165 on a cable trunking WDK40060.

### End piece, for Rapid 45-2 device installation trunking, type 53100

PC/ABS

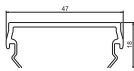


Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
GK-E53100RW	Pure white	1	2.493	6113110

End piece for side closing of the Rapid 45-2 GK and GA 53100 device installation trunking.

### Cover, for device installation trunking Rapid 45-2

PVC

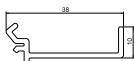


Type	Colour	Length mm	Pack m	Weight kg/100 m	Item no.
GK-OT45RW	Pure white	2000	2	20.550	6113010

Trunking cover for closing the Rapid 45-2 device installation trunking.

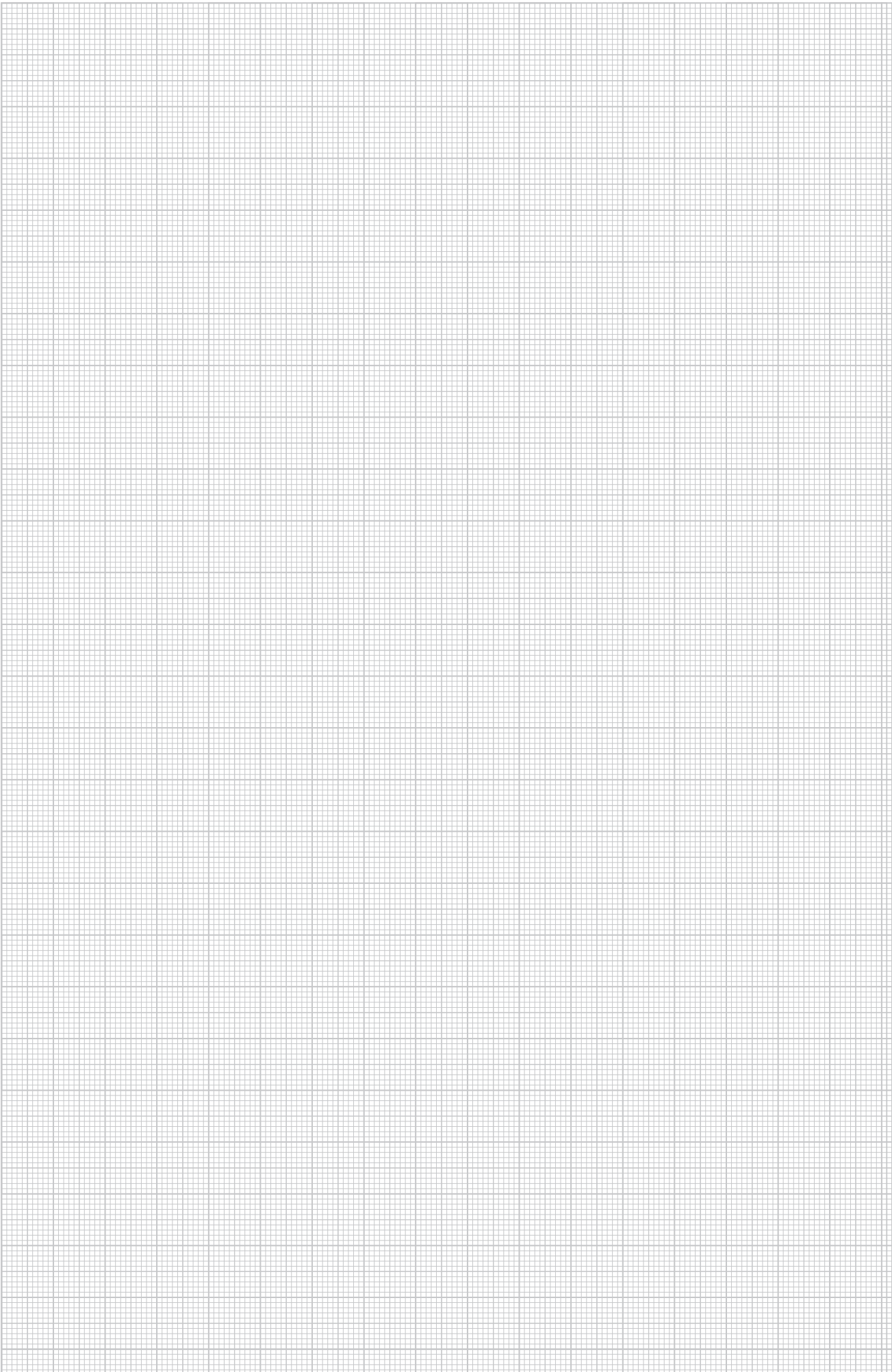
### Partition GK-TW53

PVC

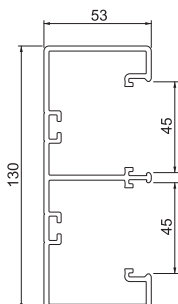
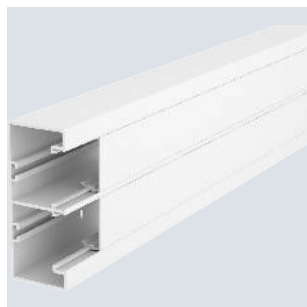


Type	Length mm	Pack m	Weight kg/100 m	Item no.
GK-TW53	2000	2	28.700	6113290

Partition for mounting in Rapid 45-2 GK and GA device installation trunking for installing cables of different voltage levels.



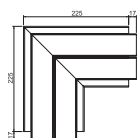
Device installation trunking Rapid 45-2, trunking width 130, trunking height 53



Type	Colour	Length mm	Pack m	Weight kg/100 m	Item no.
GK-53130RW	Pure white	2000	2	174.000	6113200

Trunking base and cover with base perforation for direct wall mounting.

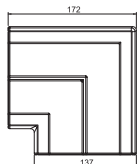
Flat angle, for device installation trunking Rapid 45-2 type GK-53130



Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
GK-FS53130RW	Pure white	1	60.200	6113260

Flat angle for changing the direction of the Rapid 45-2 device installation trunking.

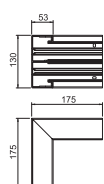
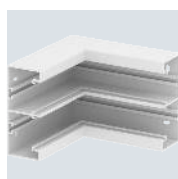
Flat angle hood, for Rapid 45-2 device installation trunking, type 53130



Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
GK-FH53130RW	Pure white	1	14.754	6113270

Flat angle as hood fitting for changing the direction of the Rapid 45-2 device installation trunking.

Internal corner, for Rapid 45-2 device installation trunking, type GK-53130



Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
GK-IS53130RW	Pure white	1	44.400	6113240

90° internal corner for changing the direction of the Rapid 45-2 device installation trunking.



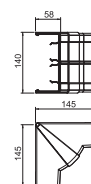
PC/ABS



### Internal corner hood, for Rapid 45-2 device installation trunking, type GK-53130

Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
GK-IH53130RW	Pure white	1	14.730	6113250

Internal corner for changing the direction of Rapid 45 device installation trunking.



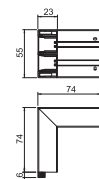
PVC



### External corner, for device installation trunking Rapid 45-2 type GK-53130

Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
GK-AS53130RW	Pure white	1	56.200	6113220

External corner 90° for changing the direction of Rapid 45-2 device installation trunking.



PC/ABS



### External corner cover

Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
GK-AH53130RW	Pure white	1	8.440	6113230

External corner for changing the direction of Rapid 45-2 device installation trunking. The fittings can be adjusted between 80–110°.



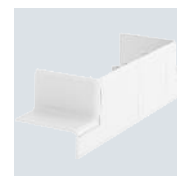
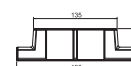
PC/ABS



### T piece adapter, for device installation trunking Rapid 45-2 type GK-53130

Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
GK-TR53130RW	Pure white	1	3.514	6113300

T piece adapter to create a 90° junction of the system size 53130 on the system size 53130.



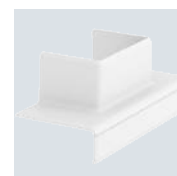
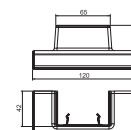
PC/ABS



### T piece adapter on WDK 40060

Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
GK-TA WDK 2RW	Pure white	1	2.717	6113320

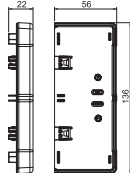
T piece adapter to create a 90° junction from the system size Rapid 45-2 53130 to a cable trunking WDK40060.



# Trunking height 53 mm, trunking width 130 mm

## End piece, for Rapid 45-2 device installation trunking, type 53130

PC/ABS



Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
GK-E53130RW	Pure white	1	2.972	6113280

End piece for side closing of the Rapid 45-2 GK and GA 53130 device installation trunking.

## Cover, for device installation trunking Rapid 45-2

PVC

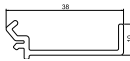


Type	Colour	Length mm	Pack m	Weight kg/100 m	Item no.
GK-OT45RW	Pure white	2000	2	20.550	6113010

Trunking cover for closing the Rapid 45-2 device installation trunking.

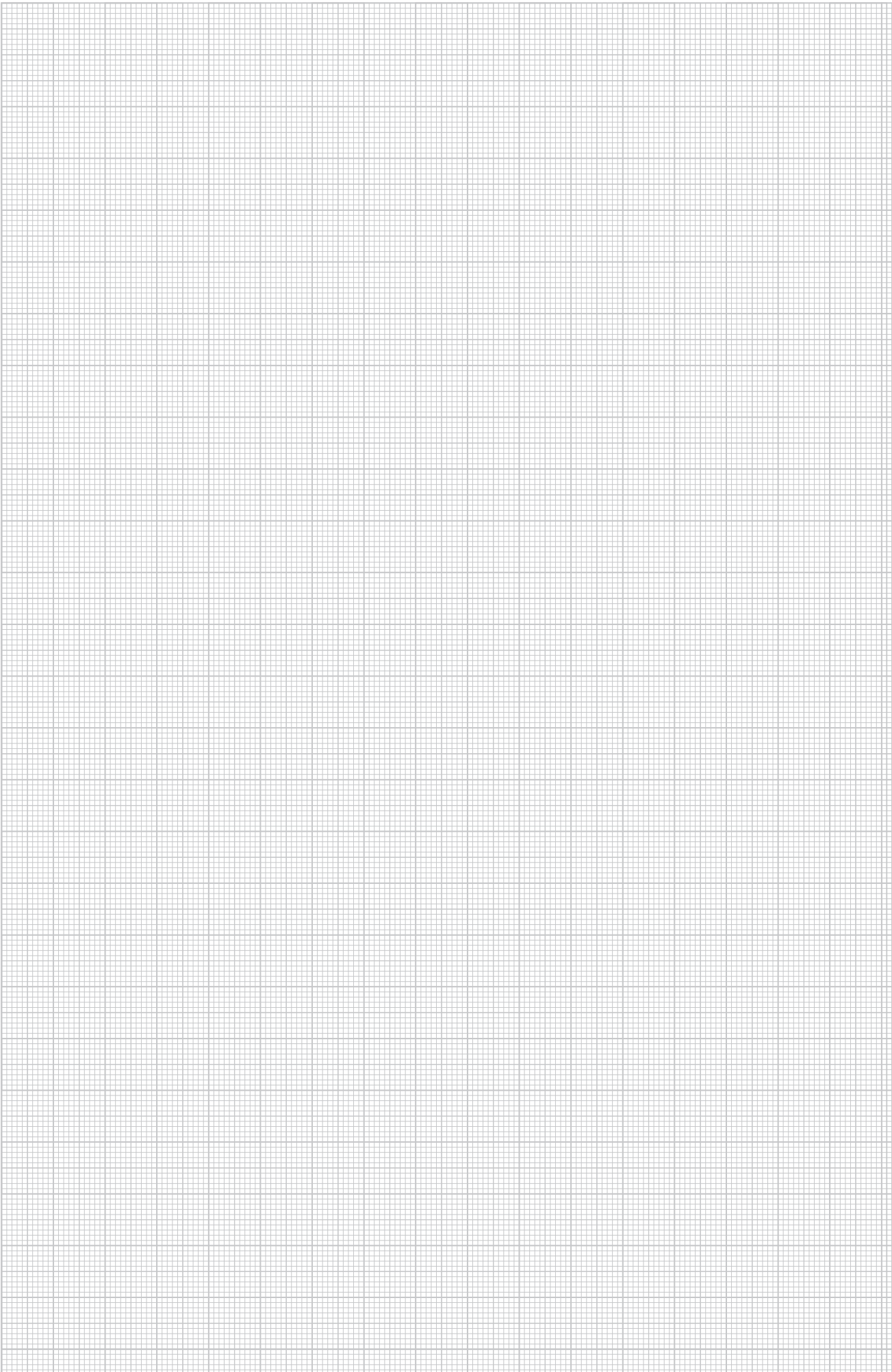
## Partition GK-TW53

PVC



Type	Length mm	Pack m	Weight kg/100 m	Item no.
GK-TW53	2000	2	28.700	6113290

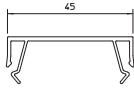
Partition for mounting in Rapid 45-2 GK and GA device installation trunking for installing cables of different voltage levels.



# Trunking height 53 mm, trunking width 160 mm

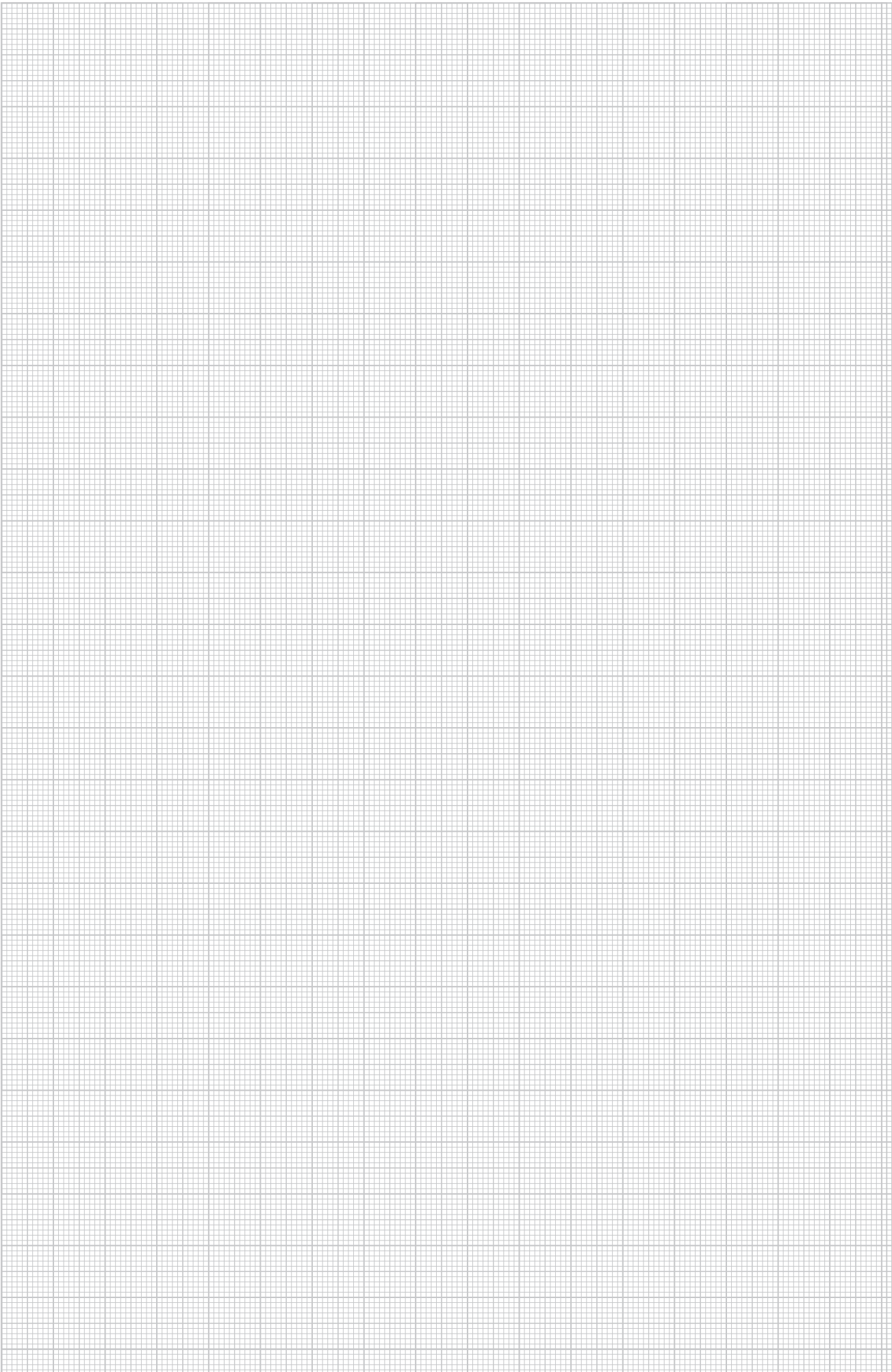
## Cover

PVC



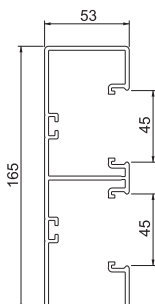
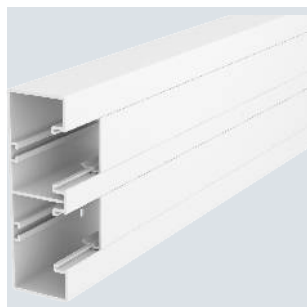
Type	Colour	Length mm	Pack m	Weight kg/100 m	Item no.
GEK-KOT45	Pure white	2000	24	18.600	6116108

Trunking cover for closing the Rapid 45 device installation trunking.



## Trunking height 53 mm, trunking width 165 mm

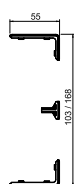
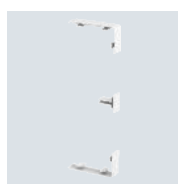
### Device installation trunking Rapid 45-2, trunking width 165, trunking height 53



Type	Colour	Length mm	Pack m	Weight kg/100 m	Item no.
GK-53165RW	Pure white	2000	2	216.250	6113400

Trunking base and cover with base perforation for direct wall mounting.

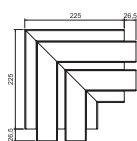
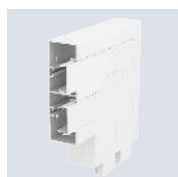
### Trunking connector and joint cover



Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
GK-KS45-1RW	Pure white	6	0.861	6113020
GK-KS45-1LGR	Light grey	6	0.861	6113022

Joint cover for the bases of the Rapid 45-2 device installation trunking to hide cut edges and provide a perfect connection of the trunking segments. The joint covers are attached. Suitable for trunking width 100 mm and 165 mm.

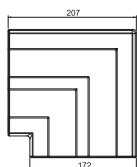
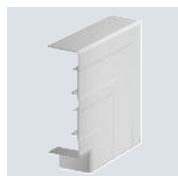
### Flat angle, for device installation trunking Rapid 45-2 type GK-53165



Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
GK-FS53165RW	Pure white	1	64.500	6113450

Flat angle for changing the direction of the Rapid 45-2 device installation trunking.

### Flat angle hood, for Rapid 45-2 device installation trunking, type 53165



Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
GK-FH53165RW	Pure white	1	16.300	6113460

Flat angle as hood fitting for changing the direction of the Rapid 45-2 device installation trunking.

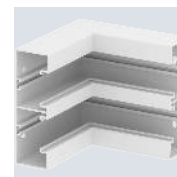
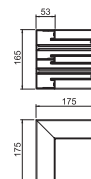
PVC



### Internal corner, for Rapid 45-2 device installation trunking, type GK-53165

Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
GK-IS53165RW	Pure white	1	54.500	6113430

90° internal corner for changing the direction of the Rapid 45-2 device installation trunking.



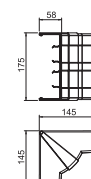
PC/ABS



### Internal corner hood, for Rapid 45-2 device installation trunking, type 53165

Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
GK-IH53165RW	Pure white	1	15.634	6113440

Internal corner for changing the direction of Rapid 45 device installation trunking.



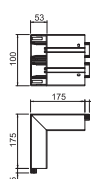
PVC



### External corner, for device installation trunking Rapid 45-2 type GK-53165

Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
GK-AS53165RW	Pure white	1	66.800	6113410

External corner 90° for changing the direction of Rapid 45-2 device installation trunking.



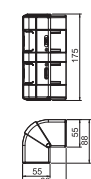
PC/ABS



### External corner hood, for Rapid 45-2 device installation trunking, type 53165

Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
GK-AH53165RW	Pure white	1	9.230	6113420

External corner for changing the direction of Rapid 45-2 device installation trunking. The fittings can be adjusted between 80–110°.



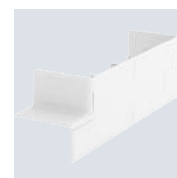
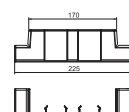
PC/ABS



### T piece adapter, for device installation trunking Rapid 45-2 type GK-53165

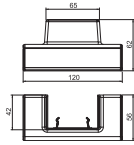
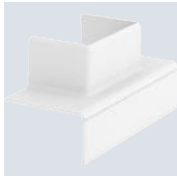
Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
GK-TR53165RW	Pure white	1	4.545	6113480

T piece adapter to create a 90° junction of the system size 53165 on the system size 53165.



### T piece adapter WDK 40060

PC/ABS

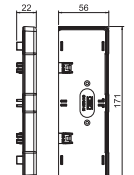


Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
GK-TA WDK 1RW	Pure white	1	3.002	6113310

T-piece adapter to create a 90° junction from the system size Rapid 45-2 53100 and 53165 on a cable trunking WDK40060.

### End piece, for Rapid 45-2 device installation trunking, type 53165

PC/ABS

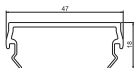


Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
GK-E53165RW	Pure white	1	3.561	6113470

End piece for side closing of the Rapid 45-2 GK and GA 53165 device installation trunking.

### Cover, for device installation trunking Rapid 45-2

PVC

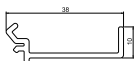


Type	Colour	Length mm	Pack m	Weight kg/100 m	Item no.
GK-OT45RW	Pure white	2000	2	20.550	6113010

Trunking cover for closing the Rapid 45-2 device installation trunking.

### Partition GK-TW53

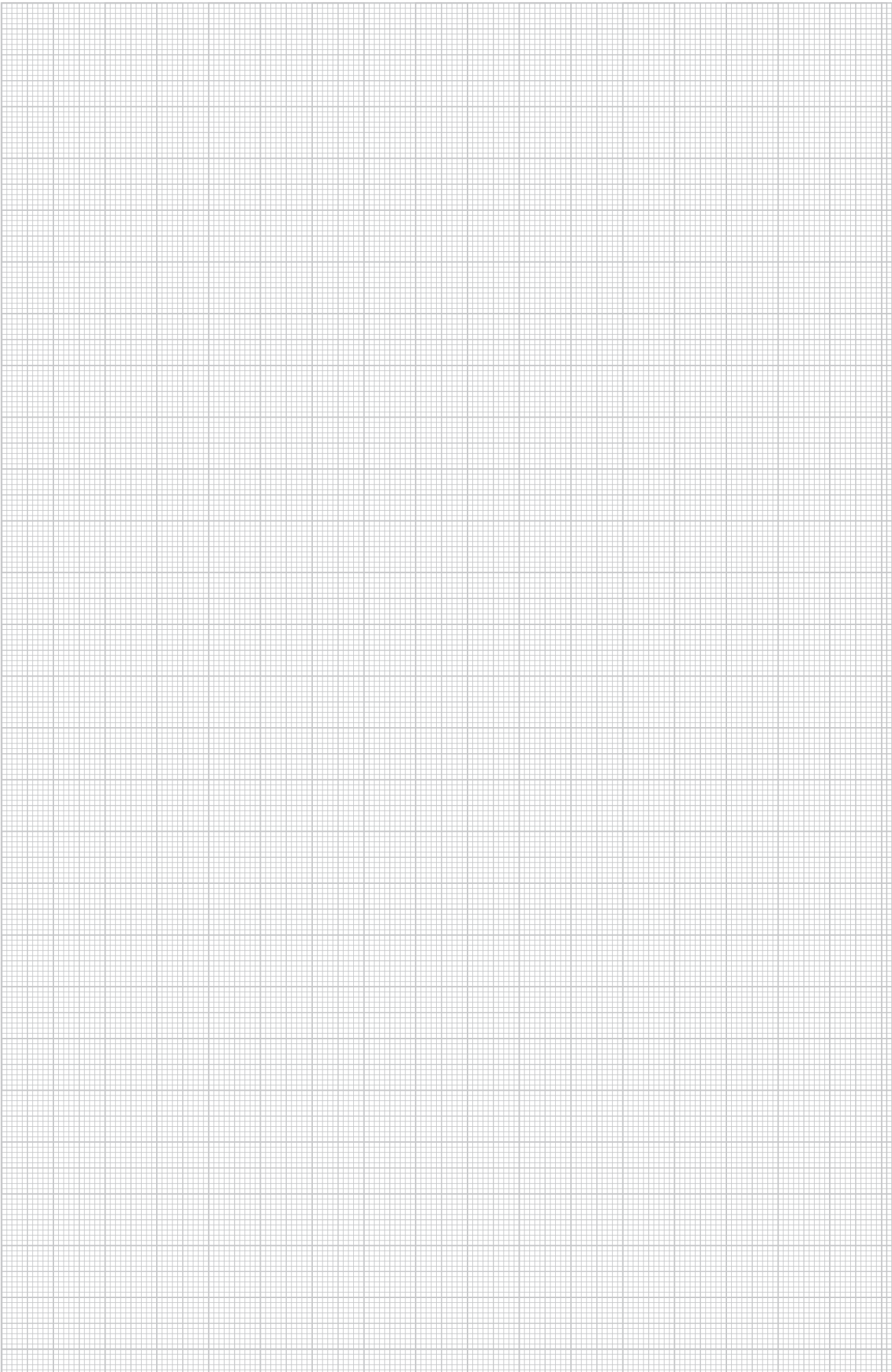
PVC



Type	Length mm	Pack m	Weight kg/100 m	Item no.
GK-TW53	2000	2	28.700	6113290


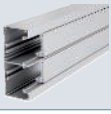
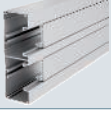
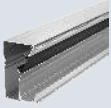
Partition for mounting in Rapid 45-2 GK and GA device installation trunking for installing cables of different voltage levels.







# Rapid 45-2 device installation trunking, aluminium

	Aluminium device installation trunking, trunking width 100 mm	52
	Aluminium device installation trunking, trunking width 130 mm	60
	Aluminium device installation trunking, trunking width 165 mm	64
	GAD Design device installation trunking	66



## System description

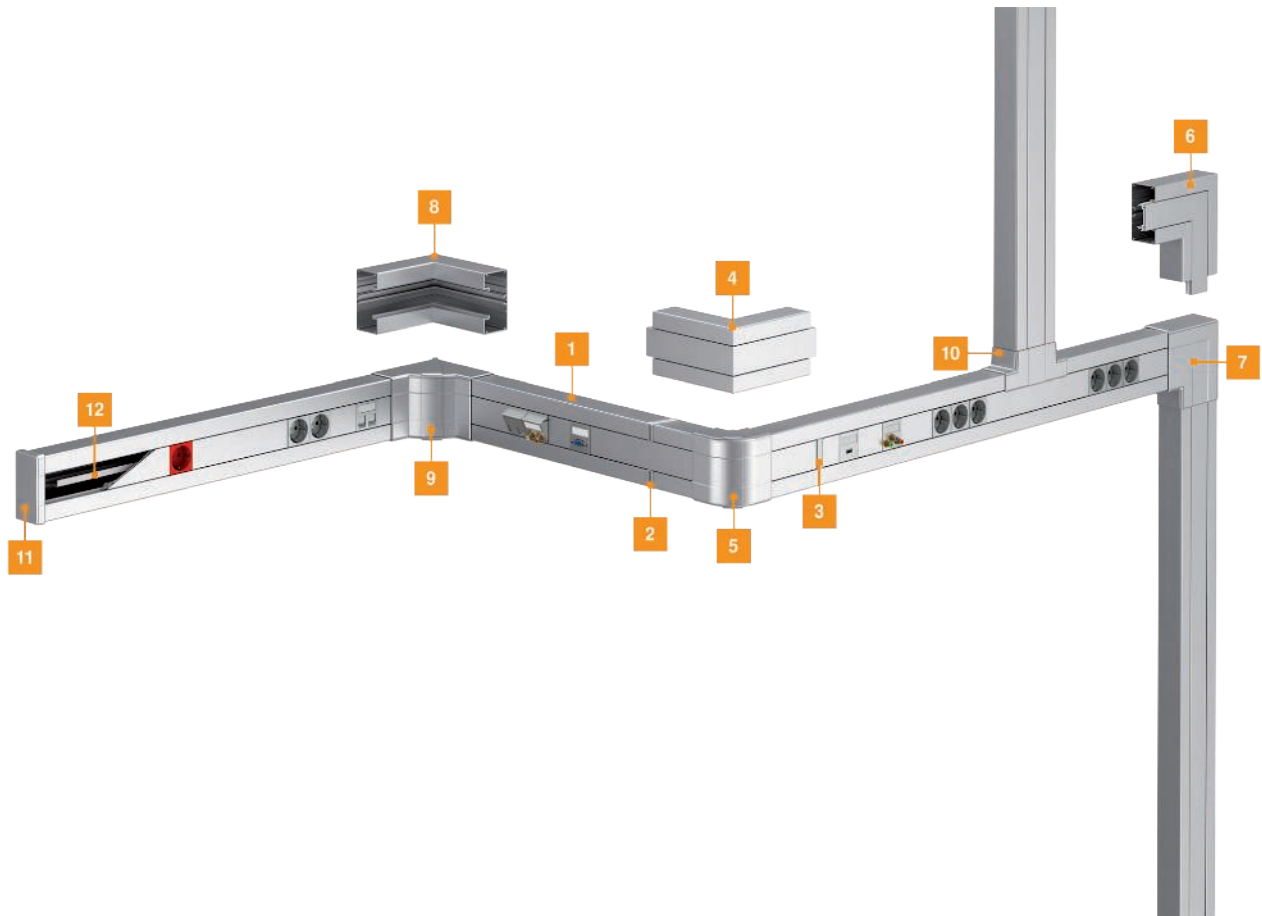


The new Rapid 45 generation unites a symmetrical design, homogeneous colour quality and technical flexibility in a single system. Innovative fittings allow practical wall installation in administrative buildings, commercial areas and in industry. In four dimensions, the Rapid 45-2 device installation trunking offers a wide range of applications.

Rapid 45-2 combines straightforward design and the highest quality with perfect handling in termination and processing. Accessory parts, such as end pieces or variable fittings, fit both the plastic and also the aluminium trunking.

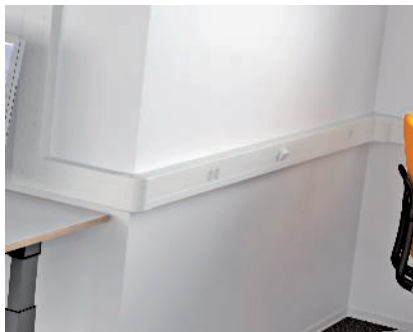
# Installation principle

Rapid 45-2 device installation trunking, aluminium



- |    |                                    |
|----|------------------------------------|
| 1  | Device installation trunking       |
| 2  | Trunking connector and joint cover |
| 3  | Joint cover                        |
| 4  | External corner                    |
| 5  | External corner cover              |
| 6  | Flat angle                         |
| 7  | Flat angle cover                   |
| 8  | Internal corner                    |
| 9  | Internal corner cover              |
| 10 | T piece adapter                    |
| 11 | End piece                          |
| 12 | Partition                          |

# Mounting aid



## Office application area

The many practical fittings permit easy integration of the Rapid 45-2 device installation trunking system into any office situation. Switches, sockets and data technology are simply clicked into place.



## Cut trunking

The Rapid 45-2 PVC device installation trunking can be processed using a standard coping saw, whilst the Rapid 45-2 aluminium trunking should be cut with an electrical circular or coping saw.



## Mounting of trunking

The Rapid 45-2 device installation trunking can be mounted quickly on the wall, for example, using knock-in anchors.



## Mounting of variable fittings

The variable fittings allow an attractive cover, even for corners which are not at a right angle. Fixing takes place in the cover contour.



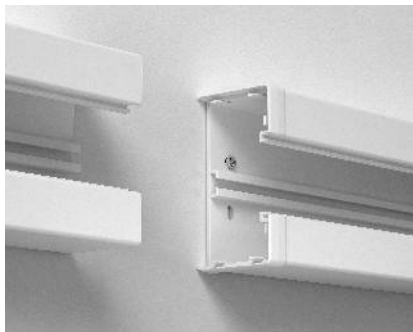
## Mounting of fixed fittings

The fixed fittings are integrated in the trunking base installation.



## Mounting of joint connectors

The joint connectors can be separated from their stalk and serve both as a joint connector and a joint cover to conceal cut edges.



## Mounting of joint cover

The joint cover is attached to the trunking bases. This provides an optically attractive connection for the trunking bases.



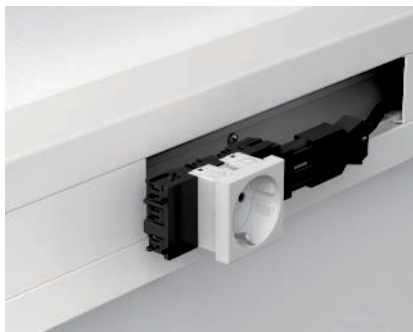
## Mounting of joint connectors

In this way, the joint connectors can be used for both PVC trunking and aluminium trunking.



## Mounting of end piece

The end piece is attached to the C profile rail on the trunking base. A spring attached to the end piece locks it securely in place.



## Installation of socket

The cables are connected to the socket.



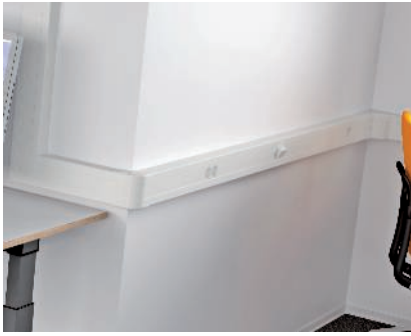
## Mounting of socket

The socket is pushed into the Rapid 45-2 device installation trunking without additional aids.



## Mounting of socket

The module socket locks into the cover contour.



**Installation complete**

The flexibility ensures clean and quick installation.



**Earthing of aluminium Rapid 45**

The cover for the aluminium trunking system consists of a PVC base profile and an aluminium screen and thus need not be connected conductively to the trunking base.



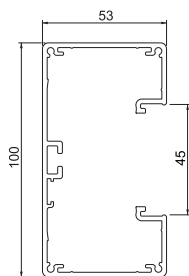
**Mounting of T piece adapter**

Easy-to-mount hood fittings are available for creating rising and falling T pieces.



## Trunking height 53 mm, trunking width 100 mm

## Device installation trunking Rapid 45-2, trunking width 100, trunking height 53



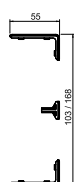
Type	Colour	Surface	Length mm	Pack m	Weight kg/100 m	Item no.
GA-53100EL	—	Anodised	2000	2	223.800	6112403
GA-53100RW	Pure white	—	2000	2	223.800	6112400

Aluminium device installation trunking complete with bottom and top part. The lower part is without base perforation.

## Note:

For anodised device installation trunking and fittings made from aluminium, light colour differences caused by permitted scatter due to the material and process conditions cannot be avoided (according to DIN 17 611). 45 mm devices can be clicked in directly. When using PC/ABS hood fittings, there may be colour differences due to the different materials.

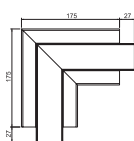
## Trunking connector and joint cover



Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
GK-KS45-1AL	Aluminium	1	0.580	6113024
GK-KS45-1RW	Pure white	6	0.861	6113020

Joint cover for the bases of the Rapid 45-2 device installation trunking to hide cut edges and provide a perfect connection of the trunking segments. The joint covers are attached. Suitable for trunking width 100 mm and 165 mm.

## Flat angle, for device installation trunking Rapid 45-2 type GA-53100



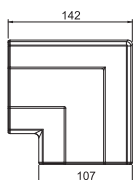
Type	Colour	Surface	Length mm	Pack Piece	Weight kg/100 pc.	Item no.
GA-FS53100EL	—	Anodised	175	1	69.200	6112443
GA-FS53100RW	Pure white	—	175	1	69.200	6112440

90° aluminium flat angle for direction change of Rapid 45-2 GA... device installation trunking.

## Note:

For anodised device installation trunking and fittings made from aluminium, light colour differences caused by permitted scatter due to the material and process conditions cannot be avoided (according to DIN 17 611). 45 mm devices can be clicked in directly. When using PC/ABS hood fittings, there may be colour differences due to the different materials.

## Flat angle hood, for Rapid 45-2 device installation trunking, type 53100



Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
GK-FH53100RW	Pure white	1	10.911	6113090

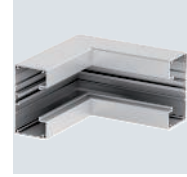
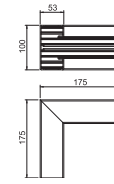
Flat angle as hood fitting for changing the direction of the Rapid 45-2 device installation trunking.





### Internal corner, for device installation trunking Rapid 45-2 type GA-53100

Type	Colour	Surface	Length mm	Pack Piece	Weight kg/100 pc.	Item no.
GA-IS53100EL	—	Anodised	175	1	69.200	6112433
GA-IS53100RW	Pure white	—	175	1	69.200	6112430



Corner 90° aluminium for changing the direction of device installation trunking Rapid 45-2 GA...

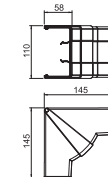
Note:

For anodised device installation trunking and fittings made from aluminium, light colour differences caused by permitted scatter due to the material and process conditions cannot be avoided (according to DIN 17 611). The 45 mm devices can be clicked in directly. When using PC/ABS hood fittings, there may be colour differences due to the different materials.



### Internal corner hood, for Rapid 45-2 device installation trunking, type 53100

Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
GK-IH53100AL	Aluminium	1	12.000	6113074
GK-IH53100RW	Pure white	1	12.856	6113070

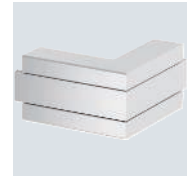
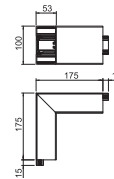


Internal corner for changing the direction of Rapid 45 device installation trunking.



### External corner, for device installation trunking Rapid 45-2 type GA-53100

Type	Colour	Surface	Length mm	Pack Piece	Weight kg/100 pc.	Item no.
GA-AS53100EL	—	Anodised	175	1	84.100	6112423
GA-AS53100RW	Pure white	—	175	1	84.100	6112420



External corner 90° aluminium for changing the direction of device installation trunking Rapid 45-2 GA...

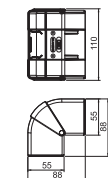
Note:

For anodised device installation trunking and fittings made from aluminium, light colour differences caused by permitted scatter due to the material and process conditions cannot be avoided (according to DIN 17 611). The 45 mm devices can be clicked in directly. When using PC/ABS hood fittings, there may be colour differences due to the different materials.



### External corner hood, for Rapid 45-2 device installation trunking, type 53100

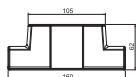
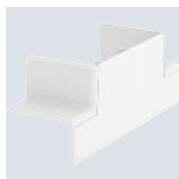
Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
GK-AH53100AL	Aluminium	1	6.900	6113054
GK-AH53100RW	Pure white	1	7.153	6113050



External corner for changing the direction of Rapid 45-2 device installation trunking. The fittings can be adjusted between 80–110°.

## Trunking height 53 mm, trunking width 100 mm

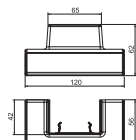
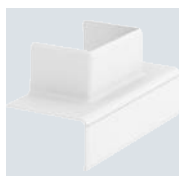
## T piece adapter, for device installation trunking Rapid 45-2 type GK-53100



Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
GK-TR53100RW	Pure white	1	3.405	6113100

T piece to create a 90° junction of the system size 53100 on the system size 53100.

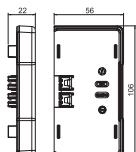
## T piece adapter WDK 40060



Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
GK-TA WDK 1RW	Pure white	1	3.002	6113310

T-piece adapter to create a 90° junction from the system size Rapid 45-2 53100 and 53165 on a cable trunking WDK40060.

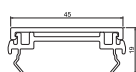
## End piece, for Rapid 45-2 device installation trunking, type 53100



Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
GK-E53100AL	Aluminium	1	2.200	6113114
GK-E53100RW	Pure white	1	2.493	6113110

End piece for side closing of the Rapid 45-2 GK and GA 53100 device installation trunking.

## Cover, for device installation trunking Rapid 45-2



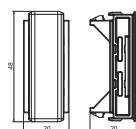
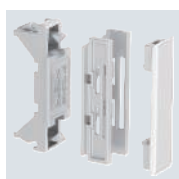
Type	Colour	Surface	Length mm	Pack m	Weight kg/100 m	Item no.
GA-OT45EL	—	Anodised	2000	2	47.450	6112413

Trunking cover for closing the device installation trunking of the Rapid 45-2 GA... series. The 2-piece cover consists of a PVC base profile and an aluminium panel profile.

Note:

For anodised aluminium trunking, covers and fittings, light colour differences caused by permitted scatter due to the material and process conditions cannot be avoided (according to DIN 17 611). The 45 mm devices can be clicked in directly. When using PC/ABS hood fittings, there may be colour differences due to the different materials.

## Joint cover



Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
GK-OTSA45AL	Aluminium	1	0.550	6113034

Joint cover for the cover of the Rapid 45-2 device installation trunking to hide cut edges and provide a tidy connection to installed Modul 45® devices.

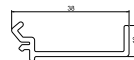
PVC



### Partition GK-TW53

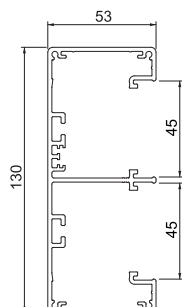
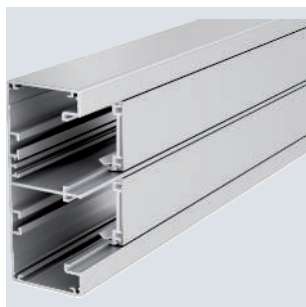
Type	Length mm	Pack m	Weight kg/100 m	Item no.
GK-TW53	2000	2	28.700	6113290

Partition for mounting in Rapid 45-2 GK and GA device installation trunking for installing cables of different voltage levels.



## Trunking height 53 mm, trunking width 130 mm

## Device installation trunking Rapid 45-2, trunking width 130, trunking height 53



Type	Colour	Surface	Length mm	Pack m	Weight kg/100 m	Item no.
GA-53130EL	—	Anodised	2000	2	326.500	6112503

Aluminium device installation trunking complete with bottom and top part. The lower part is without base perforation.

## Note:

For anodised device installation trunking and fittings made from aluminium, light colour differences caused by permitted scatter due to the material and process conditions cannot be avoided (according to DIN 17 611). 45 mm devices can be clicked in directly. When using PC/ABS hood fittings, there may be colour differences due to the different materials.

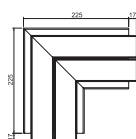
## Trunking connector and joint cover



Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
GK-KS45-2AL	Aluminium	1	0.450	6113214
GK-KS45-1RW	Pure white	6	0.861	6113020

Joint cover for the bases of the Rapid 45 device installation trunking to hide cut edges and provide a perfect connection of the trunking segments. The joint covers are attached. Suitable for trunking width 130 mm.

## Flat angle, for device installation trunking Rapid 45-2 type GA-53130



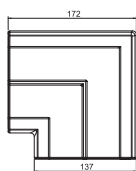
Type	Colour	Surface	Length mm	Pack Piece	Weight kg/100 pc.	Item no.
GA-FS53130EL	—	Anodised	225	1	119.900	6112533

90° aluminium flat angle for direction change of Rapid 45-2 GA... device installation trunking.

## Note:

For anodised device installation trunking and fittings made from aluminium, light colour differences caused by permitted scatter due to the material and process conditions cannot be avoided (according to DIN 17 611). 45 mm devices can be clicked in directly. When using PC/ABS hood fittings, there may be colour differences due to the different materials.

## Flat angle hood, for Rapid 45-2 device installation trunking, type 53130



Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
GK-FH53130RW	Pure white	1	14.754	6113270

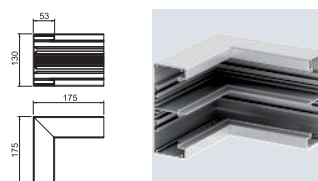
Flat angle as hood fitting for changing the direction of the Rapid 45-2 device installation trunking.



### Internal corner hood, for Rapid 45-2 device installation trunking, type 53130

Type	Colour	Surface	Length mm	Pack Piece	Weight kg/100 pc.	Item no.
GA-IS53130EL	—	Anodised	175	1	89.200	6112523

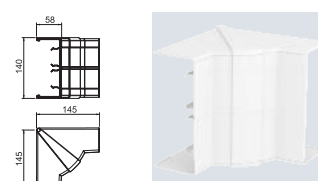
Corner 90° aluminium for changing the direction of device installation trunking Rapid 45-2 GA...  
 Note:  
 For anodised device installation trunking and fittings made from aluminium, light colour differences caused by permitted scatter due to the material and process conditions cannot be avoided (according to DIN 17 611). 45 mm devices can be clicked in directly. When using PC/ABS hood fittings, there may be colour differences due to the different materials.



### Internal corner hood, for Rapid 45-2 device installation trunking, type GK-53130

Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
GK-IH53130RW	Pure white	1	14.730	6113250

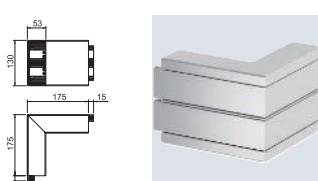
Internal corner for changing the direction of Rapid 45 device installation trunking.



### External corner hood, for Rapid 45-2 device installation trunking, type 53130

Type	Colour	Surface	Length mm	Pack Piece	Weight kg/100 pc.	Item no.
GA-AS53130EL	—	Anodised	175	1	117.700	6112513

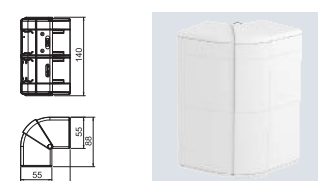
External corner 90° aluminium for changing the direction of device installation trunking Rapid 45-2 GA...  
 Note:  
 For anodised device installation trunking and fittings made from aluminium, light colour differences caused by permitted scatter due to the material and process conditions cannot be avoided (according to DIN 17 611). 45 mm devices can be clicked in directly. When using PC/ABS hood fittings, there may be colour differences due to the different materials.



### External corner cover

Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
GK-AH53130RW	Pure white	1	8.440	6113230

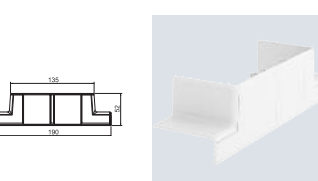
External corner for changing the direction of Rapid 45-2 device installation trunking. The fittings can be adjusted between 80–110°.



### T piece adapter, for device installation trunking Rapid 45-2 type GK-53130

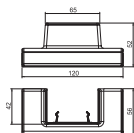
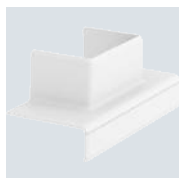
Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
GK-TR53130RW	Pure white	1	3.514	6113300

T piece adapter to create a 90° junction of the system size 53130 on the system size 53130.



## Trunking height 53 mm, trunking width 130 mm

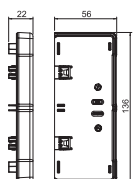
## T piece adapter on WDK 40060



Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
GK-TA WDK 2RW	Pure white	1	2.717	6113320

T piece adapter to create a 90° junction from the system size Rapid 45-2 53130 to a cable trunking WDK40060.

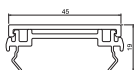
## End piece, for Rapid 45-2 device installation trunking, type 53130



Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
GK-E53130RW	Pure white	1	2.972	6113280

End piece for side closing of the Rapid 45-2 GK and GA 53130 device installation trunking.

## Cover, for device installation trunking Rapid 45-2



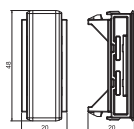
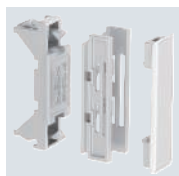
Type	Colour	Surface	Length mm	Pack m	Weight kg/100 m	Item no.
GA-OT45EL	—	Anodised	2000	2	47.450	6112413

Trunking cover for closing the device installation trunking of the Rapid 45-2 GA... series. The 2-piece cover consists of a PVC base profile and an aluminium panel profile.

Note:

For anodised aluminium trunking, covers and fittings, light colour differences caused by permitted scatter due to the material and process conditions cannot be avoided (according to DIN 17 611). The 45 mm devices can be clicked in directly. When using PC/ABS hood fittings, there may be colour differences due to the different materials.

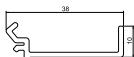
## Joint cover



Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
GK-OTSA45AL	Aluminium	1	0.550	6113034

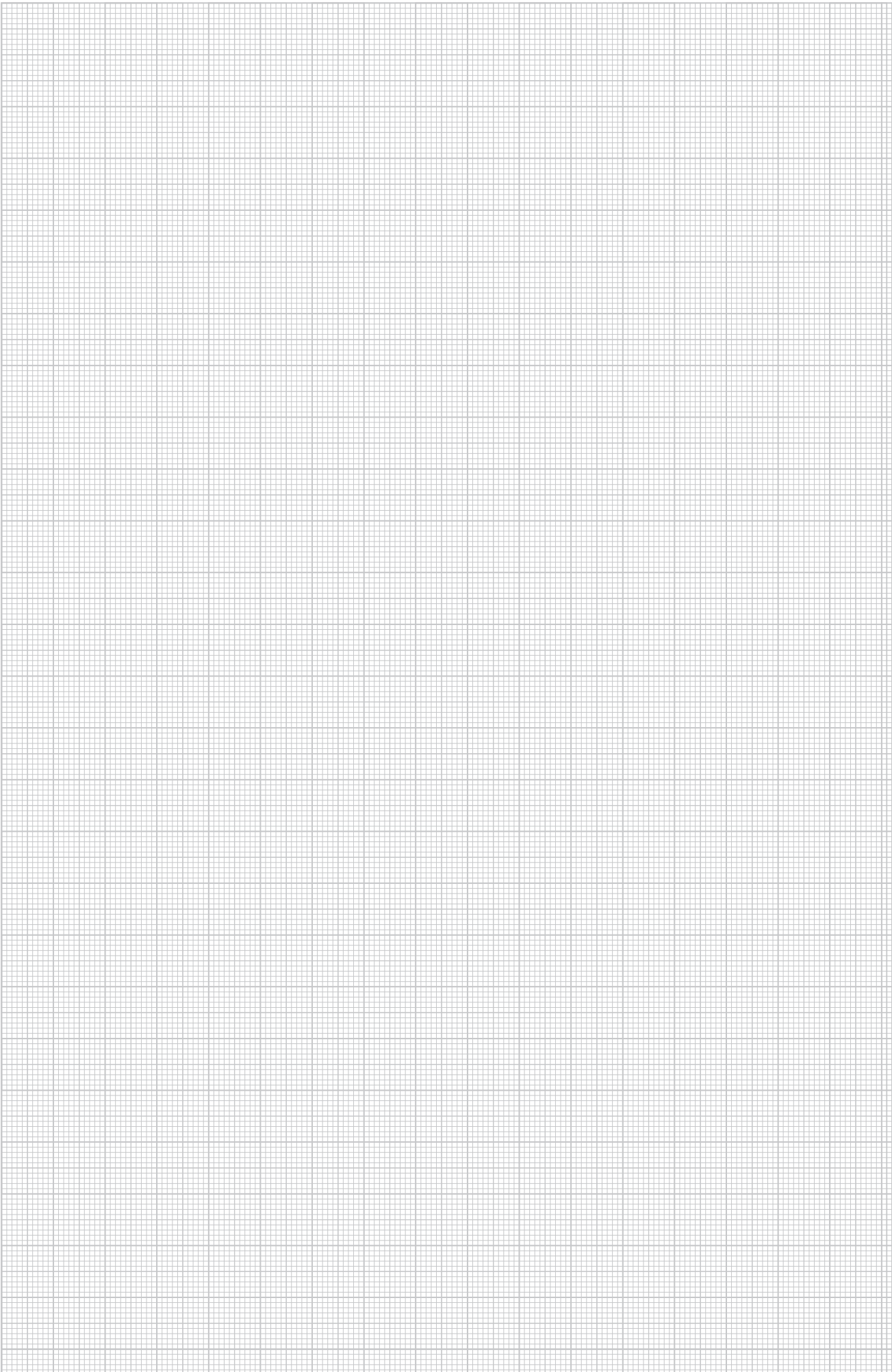
Joint cover for the cover of the Rapid 45-2 device installation trunking to hide cut edges and provide a tidy connection to installed Modul 45@ devices.

## Partition GK-TW53



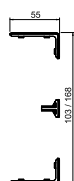
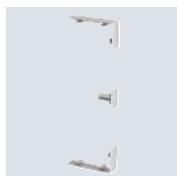
Type	Length mm	Pack m	Weight kg/100 m	Item no.
GK-TW53	2000	2	28.700	6113290

Partition for mounting in Rapid 45-2 GK and GA device installation trunking for installing cables of different voltage levels.



## Trunking height 53 mm, trunking width 165 mm

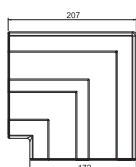
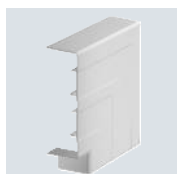
## Trunking connector and joint cover



Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
GK-KS45-1AL	Aluminium	1	0.580	6113024
GK-KS45-1RW	Pure white	6	0.861	6113020

Joint cover for the bases of the Rapid 45-2 device installation trunking to hide cut edges and provide a perfect connection of the trunking segments. The joint covers are attached. Suitable for trunking width 100 mm and 165 mm.

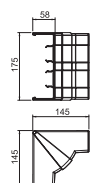
## Flat angle hood, for Rapid 45-2 device installation trunking, type 53165



Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
GK-FH53165RW	Pure white	1	16.300	6113460

Flat angle as hood fitting for changing the direction of the Rapid 45-2 device installation trunking.

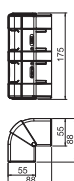
## Internal corner hood, for Rapid 45-2 device installation trunking, type 53165



Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
GK-IH53165RW	Pure white	1	15.634	6113440

Internal corner for changing the direction of Rapid 45 device installation trunking.

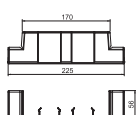
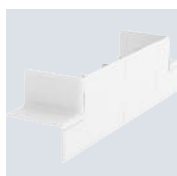
## External corner hood, for Rapid 45-2 device installation trunking, type 53165



Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
GK-AH53165RW	Pure white	1	9.230	6113420

External corner for changing the direction of Rapid 45-2 device installation trunking. The fittings can be adjusted between 80–110°.

## T piece adapter, for device installation trunking Rapid 45-2 type GK-53165



Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
GK-TR53165RW	Pure white	1	4.545	6113480

T piece adapter to create a 90° junction of the system size 53165 on the system size 53165.



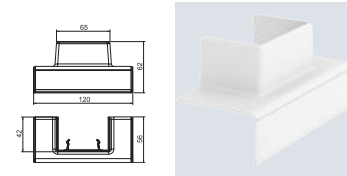
PC/ABS



### T piece adapter WDK 40060

Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
GK-TA WDK 1RW	Pure white	1	3.002	6113310

T-piece adapter to create a 90° junction from the system size Rapid 45-2 53100 and 53165 on a cable trunking WDK40060.



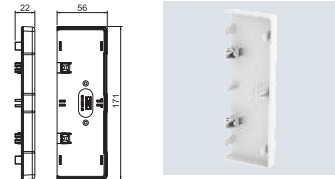
PC/ABS



### End piece, for Rapid 45-2 device installation trunking, type 53165

Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
GK-E53165RW	Pure white	1	3.561	6113470

End piece for side closing of the Rapid 45-2 GK and GA 53165 device installation trunking.



Alu EL



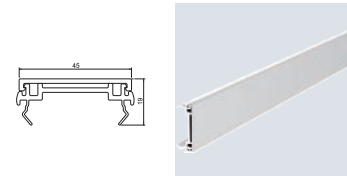
### Cover, for device installation trunking Rapid 45-2

Type	Colour	Surface	Length mm	Pack m	Weight kg/100 m	Item no.
GA-OT45EL	-	Anodised	2000	2	47.450	6112413

Trunking cover for closing the device installation trunking of the Rapid 45-2 GA... series. The 2-piece cover consists of a PVC base profile and an aluminium panel profile.

Note:

For anodised aluminium trunking, covers and fittings, light colour differences caused by permitted scatter due to the material and process conditions cannot be avoided (according to DIN 17 611). The 45 mm devices can be clicked in directly. When using PC/ABS hood fittings, there may be colour differences due to the different materials.



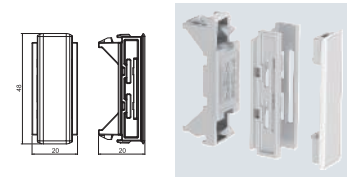
PC/ABS



### Joint cover

Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
GK-OTSA45AL	Aluminium	1	0.550	6113034

Joint cover for the cover of the Rapid 45-2 device installation trunking to hide cut edges and provide a tidy connection to installed Modul 45® devices.



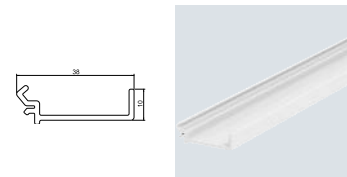
PVC



### Partition GK-TW53

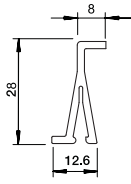
Type	Length mm	Pack m	Weight kg/100 m	Item no.
GK-TW53	2000	2	28.700	6113290

Partition for mounting in Rapid 45-2 GK and GA device installation trunking for installing cables of different voltage levels.



## Partition for WDK trunking, trunking height 40 mm

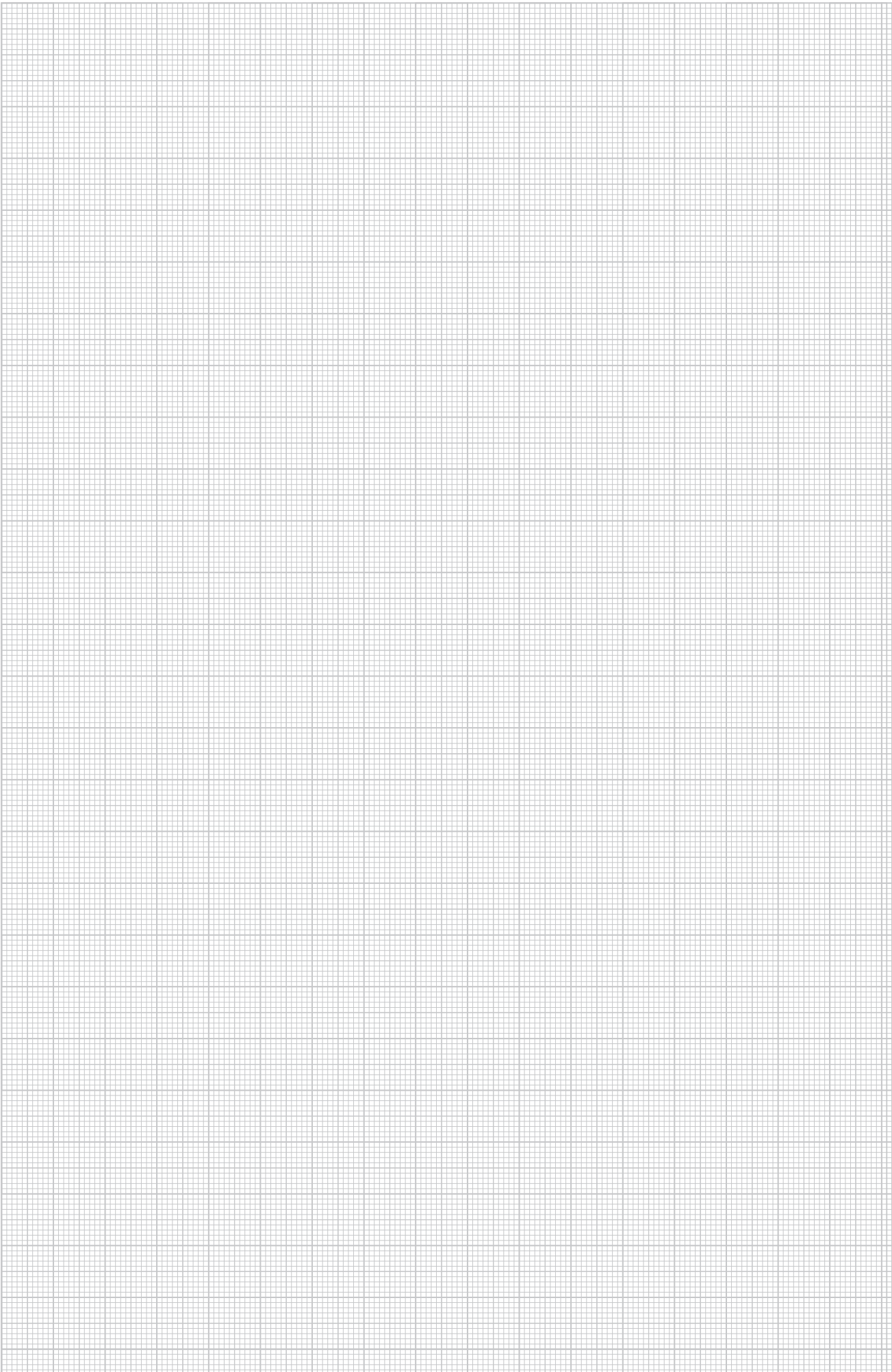
PVC



Type	Colour	Length mm	Pack m	Weight kg/100 m	Item no.
2371 40	Light grey	2000	2	13.500	6023096

Partition to divide the WDK trunking, with 40 mm trunking height, and various ISS service poles for the installation of different voltage levels.

The partitions are pinned on the connectors in the base.





# Rapid 80 device installation trunking, plastic



Plastic device installation trunking, trunking width 110 mm

70



Plastic device installation trunking, trunking width 130 mm

78



Plastic device installation trunking, trunking width 170 mm

82

# System description



Rapid 80 is the right choice in any location where there is a lot to install. Functionality and an attractive appearance simply go well together in this device installation trunking. The clear advantage is also its flexibility. The right system is available for every building.

Rapid 80 combines design and function into a single system in a fuss-free and convincing manner. Thanks to the consistent standardisation of system components, the three types of trunking can either be used as individual variants or in combination.

# Installation principle

Rapid 80 plastic device installation trunking, plastic



1	Device installation trunking	11	Flat angle cover
2	Coupling	12	Internal corner hood
3	Single accessory mounting box	13	Internal corner
4	Double accessory mounting box	14	T piece
5	Trunking cover	15	End piece
6	External corner cover, variable	16	Partition
7	External corner cover	17	Duct clamp
8	External corner	18	Single accessory mounting box, Modul 45®
9	Flat angle hood		
10	Flat angle		

# Mounting aid



### GK flexible office installation

The large product range of fittings and installation options allows flexible installation, for which changes and additions are not a problem.



### GK coupling mounting

The coupling of the GK device installation trunking is contained in the scope of delivery and is pre-mounted. It is pulled out of the trunking and automatically locks in the correct position. This allows simple mounting of additional trunking sections.



### GK/GS/GA coupling mounting

A coupling pair must be ordered separately to connect two trunking bases.



### GK/GS/GA coupling mounting

Insert the coupling in the top part of the device installation trunking and push it into the trunking. This automatically locks the coupling and, at the same time, the equipotential bonding is created between the two trunking bases.



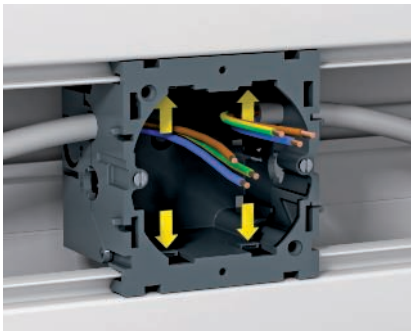
### GK/GS/GA accessory mounting box mounting

Lock the accessory mounting boxes of series 71GD... into the cover contour. They can be moved lengthwise in the trunking.



### Accessory mounting box mounting

All the front-locking accessory mounting boxes of the 71GD... series can simply be inserted into the system opening of the Rapid 80 GK, GS and GA device installation trunking from the front.



### Check of locking lugs

Together with vertically aligned convection grids, the connection profile is locked onto the wall brackets before mounting the GEK-S device installation trunking.



### Installation of device installation trunking on wall bracket

The accessory mounting boxes must be secured against movement, in accordance with the table. This is done by mounting the covers, which come very close to the accessory mounting boxes.



### GK/GS/GA device mounting

Switching and connection devices of all well-known manufacturers can be used. If a particularly large amount of space is required for the use of, for example, data boxes, various mounting supports are available without protective housings.





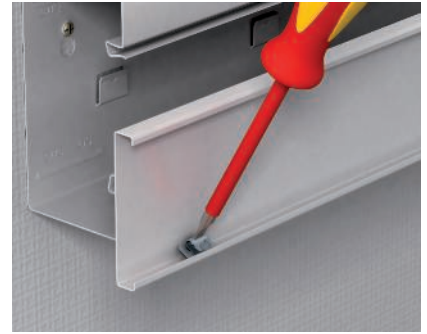
**GK/GS/GA accessory mounting box mounting**

The real trunking opening width of 76.5 mm ensures that even switches of a greater external radius do not leave visible openings between the top trunking cover and the series cover.



**GK/GS/GA Modul 45® device installation**

The Modul 45® accessory mounting box system and the appropriate covers of the S990 series allow space- and time-saving installation in all the device installation trunking systems and service poles.



**GS/GA cover earthing**

With cut covers, the locking brackets can be installed at a later date as necessary. They must be mounted at a distance of 50 mm from the end of the cover.



**GS/GA cover earthing**

The self-contacting cover earthing guarantees continuous protection without any additional wiring. The locking brackets are pre-mounted in the cover.



**GK/GS/GA duct clamp mounting**

Together with the partition, the trunking clamp prevents the cables from falling out and supports the stability of the systems when the upper parts are inserted.



**GS mounting of protective conductor connection bracket**

The protective conductor connection bracket is turned into the appropriate recesses in the trunking base and fastened using a screwdriver.



**GA mounting of protective conductor connection bracket**

The protective conductor connection bracket is turned into the appropriate C rail in the trunking base and fastened using a screwdriver.



**GK/GS end piece components**

The end piece consists of a fastening element and a screen. The screen guides are suitable for each trunking type (symmetrical, asymmetrical or duoduct) as well as left and right end pieces. The pictograms on the screen help to select the appropriate guide.



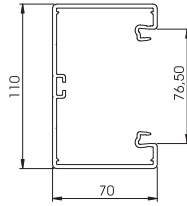
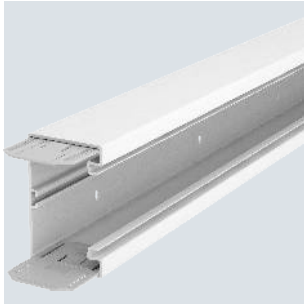
**GK/GS end piece mounting**

Place the pre-mounted end piece on the trunking and fix it to the trunking using the two bolts. Then mount the cover.

# Trunking height 70 mm, trunking width 110 mm

## Device installation trunking Rapid 80, trunking width 110, trunking height 70

PVC

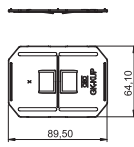


Type	Colour	Length mm	Pack m	Weight kg/100 m	Item no.
GK-70110RW	Pure white	2000	2	132.000	6274300
GK-70110LGR	Light grey	2000	2	132.000	6274302

GK device installation trunking, made of lead-free PVC, suitable for installing directly on the wall or on wall panels. Fastening takes place using the perforation in the trunking. The GK device installation trunking possesses a C profile on the floor to accept a plastic partition. All the switch programmes with a support ring and support clamp design as well as Modul 45 installation devices can be installed in the accessory mounting boxes of series 71GD... The system opening is 76.5 mm. On each trunking length, a coupling pair is pre-assembled on one side. The cover must be ordered separately.

## Coupling GK-KUP

ABS/AVA

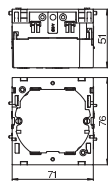


Type	Colour	Pack PU	Weight kg/100 PUs	Item no.
GK-KUP	Light grey	1	2.140	6274650

Coupling as trunking connector for tight connection of the trunking sections. A coupling pair is included and pre-mounted for each stock length.

## Accessory mounting box 71GD6, single

PA

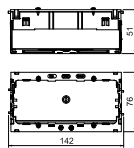
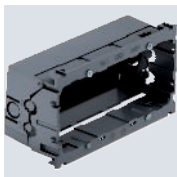


Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
71GD6	Iron grey	5	5.600	6288610

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



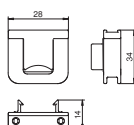
Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
71GD7-2	Iron grey	2	8.200	6288608

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.

## 7ZE strain relief

PA



Type	Pack Piece	Weight kg/100 pc.	Item no.
7ZE	50	0.700	6288790

Strain relief with locking clips, suitable for the accessory mounting boxes 7GD... and 71GD... Cable clamping range to 14 mm.

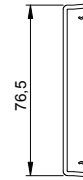
PVC



### Plastic trunking cover, smooth

Type	Colour	Length mm	Pack m	Weight kg/100 m	Item no.
GK-OTGRW	Pure white	2000	2	27.500	6278680
GK-OTGGR	Stone grey	2000	16	27.500	6278686

Smooth trunking cover, for closing device installation trunking with 76.5 mm system opening.



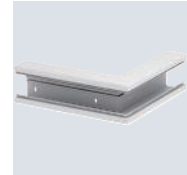
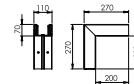
PVC



### External corner, for device installation trunking Rapid 80 type GK-70110

Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
GK-A70110RW	Pure white	1	116.000	6274310

External corner for changing the direction of the GK device installation trunking.  
Cover must be ordered separately.



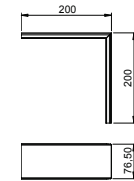
PVC



### External corner cover, smooth

Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
GK-OTGARW	Pure white	1	9.500	6274790

PVC external corner cover, smooth surface.



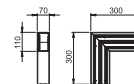
PVC



### Flat angle, for device installation trunking Rapid 80 type GK-70110

Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
GK-F70110RW	Pure white	1	78.000	6274320

Flat angle for changing the direction of the GK device installation trunking.



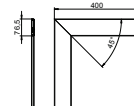
PVC



### Flat angle cover, smooth

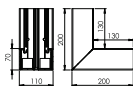
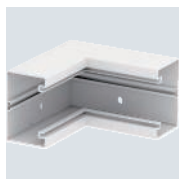
Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
GK-OTGFRW	Pure white	1	17.000	6274490

PVC flat angle cover, smooth surface.



### Internal corner, for device installation trunking Rapid 80 type GK-70110

PVC  
CE UK CA

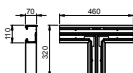


Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
GK-I70110RW	Pure white	1	100.000	6274340
GK-I70110LGR	Light grey	1	100.000	6274342

Internal corner for changing the direction of the GK device installation trunking.

### T piece, for device installation trunking Rapid 80 type GK-70110

PVC  
CE UK CA

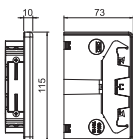


Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
GK-T70110RW	Pure white	1	100.000	6274360

T piece for changing the direction of the GK device installation trunking.

### End piece, for device installation trunking Rapid 80 type GA-70110

PVC  
CE UK CA

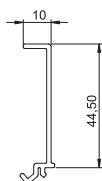


Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
GK-E70110RW	Pure white	1	5.009	6274370

End piece for closing the GK device installation trunking.

### Partition GK-TW70

PVC  
CE UK CA

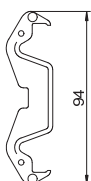


Type	Length mm	Pack m	Weight kg/100 m	Item no.
GK-TW70	2000	2	17.400	6274900

Partition for mounting in Rapid 80 GK, GA and Rapid IBIS device installation trunking or ISS service poles for installing cables of different voltage levels.

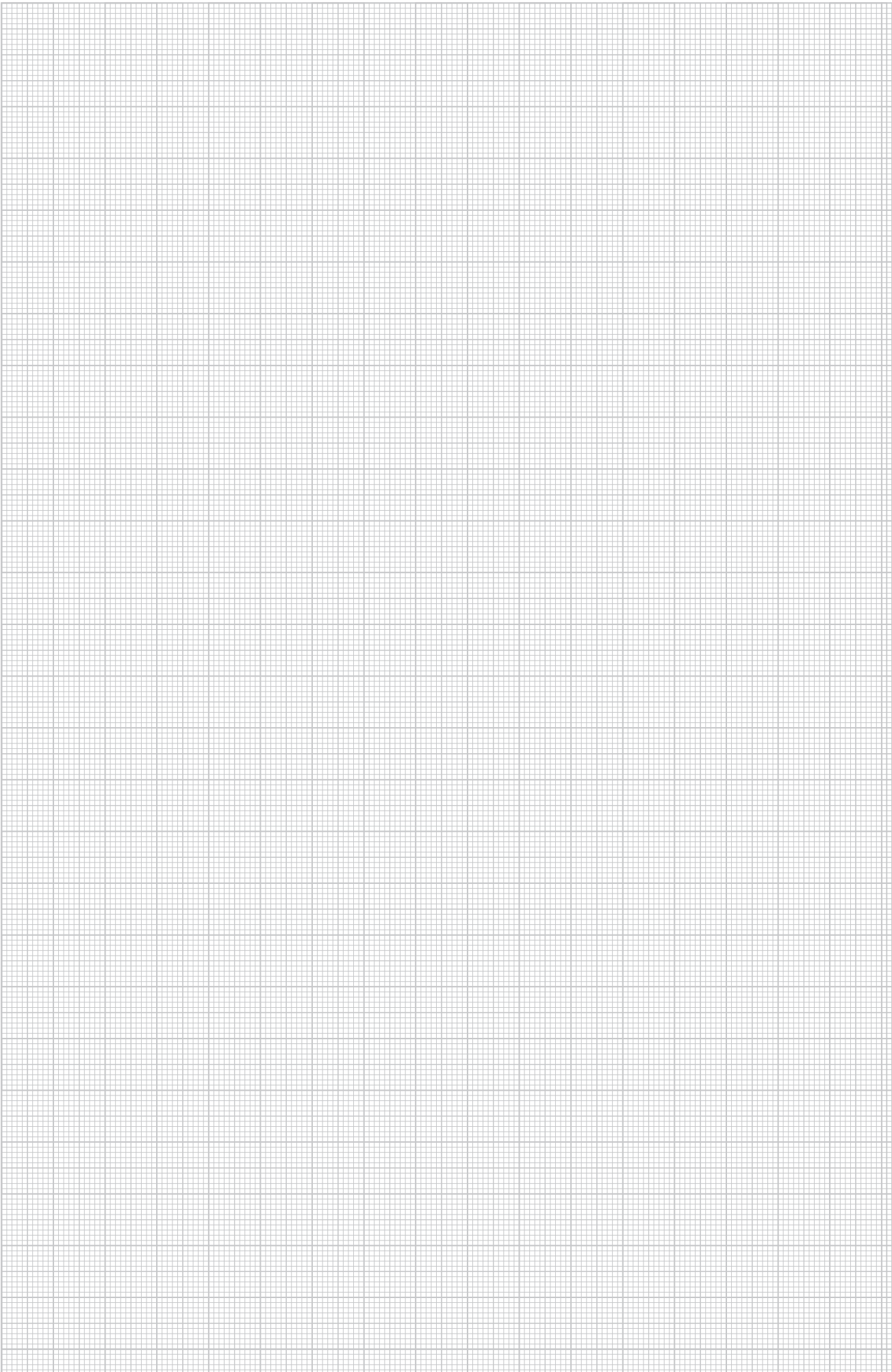
### Duct clamp KL80A

PC/ABS  
CE UK CA



Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
KL80A	Light grey	20	0.685	6288640

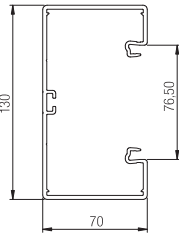
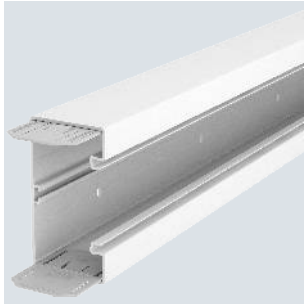
Duct clamp for holding cables securely and for fastening the partition in Rapid 80 GK, GS and GA device installation trunking systems as well as in ISS service poles with a 76.5 mm system opening.



# Trunking height 70 mm, trunking width 130 mm

## Device installation trunking Rapid 80, trunking width 130, trunking height 70

PVC

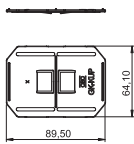


Type	Colour	Length mm	Pack m	Weight kg/100 m	Item no.
GK-70130RW	Pure white	2000	2	152.000	6274500
GK-70130GR	Stone grey	2000	8	152.000	6274506

GK device installation trunking, made of lead-free PVC, suitable for installing directly on the wall or on wall panels. Fastening takes place using the perforation in the trunking. The GK device installation trunking possesses a C profile on the floor to accept a plastic partition. All the switch programmes with a support ring and support clamp design as well as Modul 45 installation devices can be installed in the accessory mounting boxes of series 71GD... The system opening is 76.5 mm. On each trunking length, a coupling pair is pre-assembled on one side. The cover must be ordered separately.

## Coupling GK-KUP

ABS/AVA

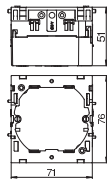


Type	Colour	Pack PU	Weight kg/100 PUs	Item no.
GK-KUP	Light grey	1	2.140	6274650

Coupling as trunking connector for tight connection of the trunking sections. A coupling pair is included and pre-mounted for each stock length.

## Accessory mounting box 71GD6, single

PA

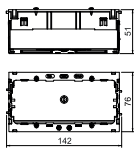
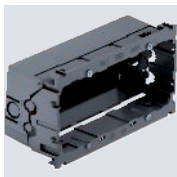


Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
71GD6	Iron grey	5	5.600	6288610

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



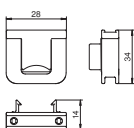
Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
71GD7-2	Iron grey	2	8.200	6288608

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.

## 7ZE strain relief

PA



Type	Pack Piece	Weight kg/100 pc.	Item no.
7ZE	50	0.700	6288790

Strain relief with locking clips, suitable for the accessory mounting boxes 7GD... and 71GD... Cable clamping range to 14 mm.

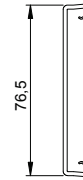
PVC



### Plastic trunking cover, smooth

Type	Colour	Length mm	Pack m	Weight kg/100 m	Item no.
GK-OTGRW	Pure white	2000	2	27.500	6278680
GK-OTGGR	Stone grey	2000	16	27.500	6278686

Smooth trunking cover, for closing device installation trunking with 76.5 mm system opening.



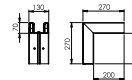
PVC



### External corner, for device installation trunking Rapid 80 type GK-70130

Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
GK-A70130RW	Pure white	1	127.000	6274510

External corner for changing the direction of the GK device installation trunking.  
Cover must be ordered separately.



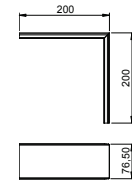
PVC



### External corner cover, smooth

Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
GK-OTGARW	Pure white	1	9.500	6274790

PVC external corner cover, smooth surface.



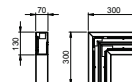
PVC



### Flat angle, for device installation trunking Rapid 80 type GK-70130

Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
GK-F70130RW	Pure white	1	83.000	6274520

Flat angle for changing the direction of the GK device installation trunking.



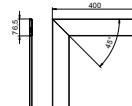
PVC



### Flat angle cover, smooth

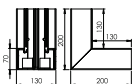
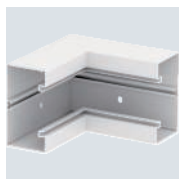
Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
GK-OTGFRW	Pure white	1	17.000	6274490

PVC flat angle cover, smooth surface.



## Internal corner, for device installation trunking Rapid 80 type GK-70130

PVC  
CE UK CA

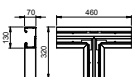


Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
GK-I70130RW	Pure white	1	110.000	6274540

Internal corner for changing the direction of the GK device installation trunking.

## T piece, for device installation trunking Rapid 80 type GK-70130

PVC  
CE UK CA

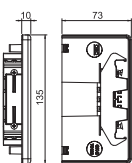


Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
GK-T70130RW	Pure white	1	108.000	6274560

T piece for changing the direction of the GK device installation trunking.

## End piece, for device installation trunking Rapid 80 type 70130

PVC  
CE UK CA

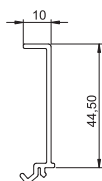


Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
GK-E70130RW	Pure white	1	5.574	6274570

End piece for closing the GK device installation trunking.

## Partition GK-TW70

PVC  
CE UK CA

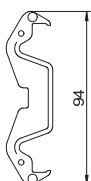


Type	Length mm	Pack m	Weight kg/100 m	Item no.
GK-TW70	2000	2	17.400	6274900

Partition for mounting in Rapid 80 GK, GA and Rapid IBIS device installation trunking or ISS service poles for installing cables of different voltage levels.

## Duct clamp KL80A

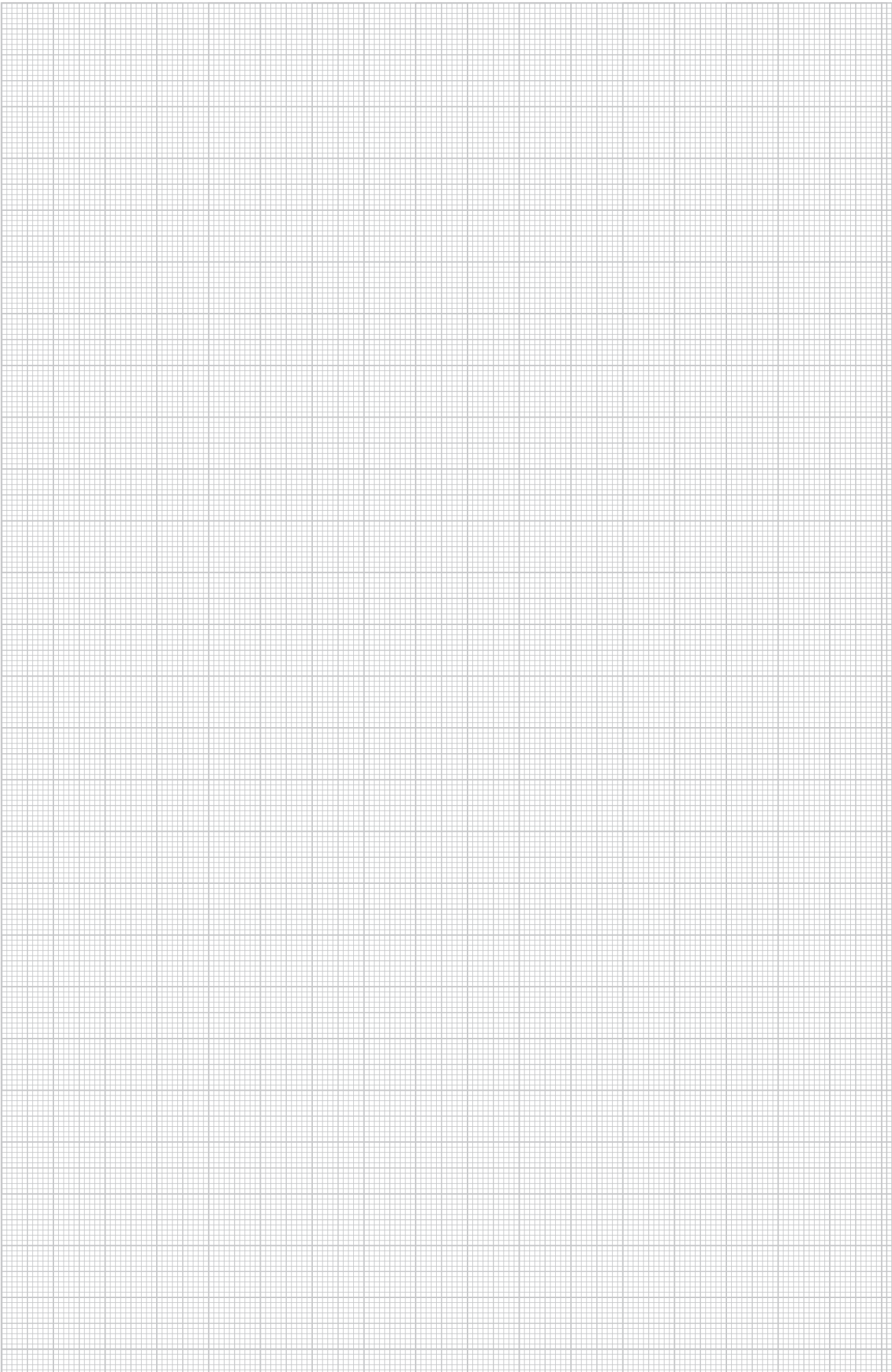
PC/ABS  
CE UK CA



Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
KL80A	Light grey	20	0.685	6288640

Duct clamp for holding cables securely and for fastening the partition in Rapid 80 GK, GS and GA device installation trunking systems as well as in ISS service poles with a 76.5 mm system opening.

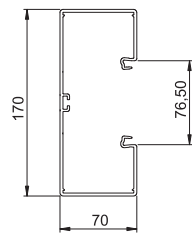
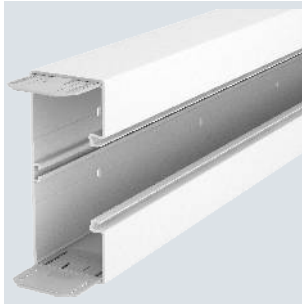




# Trunking height 70 mm, trunking width 170 mm

## Device installation trunking Rapid 80, trunking width 170, trunking height 70

PVC

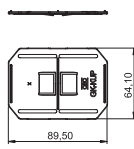


Type	Colour	Length mm	Pack m	Weight kg/100 m	Item no.
GK-70170RW	Pure white	2000	2	180.000	6274700

GK device installation trunking, made of lead-free PVC, suitable for installing directly on the wall or on wall panels. Fastening takes place using the perforation in the trunking. The GK device installation trunking possesses a C profile on the floor to accept a plastic partition. All the switch programmes with a support ring and support clamp design as well as Modul 45 installation devices can be installed in the accessory mounting boxes of series 71GD.... The system opening is 76.5 mm. On each trunking length, a coupling pair is pre-assembled on one side. The cover must be ordered separately.

## Coupling GK-KUP

ABS/AVA

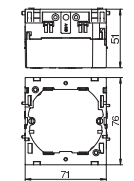


Type	Colour	Pack PU	Weight kg/100 PUs	Item no.
GK-KUP	Light grey	1	2.140	6274650

Coupling as trunking connector for tight connection of the trunking sections. A coupling pair is included and pre-mounted for each stock length.

## Accessory mounting box 71GD6, single

PA

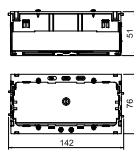
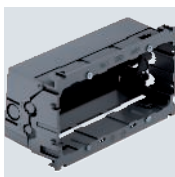


Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
71GD6	Iron grey	5	5.600	6288610

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

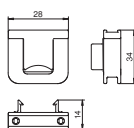


Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
71GD7-2	Iron grey	2	8.200	6288608

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.

## 7ZE strain relief

PA



Type	Pack Piece	Weight kg/100 pc.	Item no.
7ZE	50	0.700	6288790

Strain relief with locking clips, suitable for the accessory mounting boxes 7GD... and 71GD...

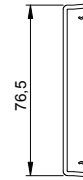
PVC



Plastic trunking cover, smooth

Type	Colour	Length mm	Pack m	Weight kg/100 m	Item no.
GK-OTGRW	Pure white	2000	2	27.500	6278680
GK-OTGGR	Stone grey	2000	16	27.500	6278686

Smooth trunking cover, for closing device installation trunking with 76.5 mm system opening.



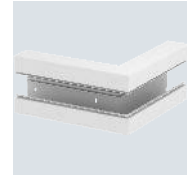
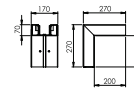
PVC



External corner, for device installation trunking Rapid 80 type GK-70170

Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
GK-A70170RW	Pure white	1	149.000	6274710

External corner for changing the direction of the GK device installation trunking.  
Cover must be ordered separately.



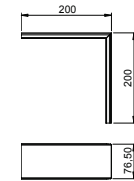
PVC



External corner cover, smooth

Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
GK-OTGARW	Pure white	1	9.500	6274790

PVC external corner cover, smooth surface.



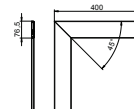
PVC



Flat angle cover, smooth

Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
GK-OTGFRW	Pure white	1	17.000	6274490

PVC flat angle cover, smooth surface.



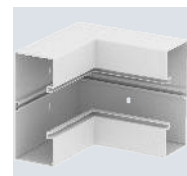
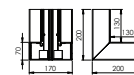
PVC



Internal corner, for device installation trunking Rapid 80 type GK-70170

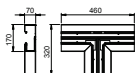
Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
GK-I70170RW	Pure white	1	130.000	6274740

Internal corner for changing the direction of the GK device installation trunking.



## T piece, for device installation trunking Rapid 80 type GK-70170

PVC  
CE UK CA

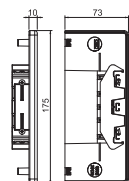


Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
GK-T70170RW	Pure white	1	120.000	6274760

T piece for changing the direction of the GK device installation trunking.

## End piece, for device installation trunking Rapid 80 type 70170

PVC  
CE UK CA

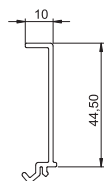


Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
GK-E70170RW	Pure white	1	6.840	6274770

End piece for closing the GK device installation trunking.

## Partition GK-TW70

PVC  
CE UK CA

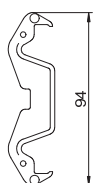


Type	Length mm	Pack m	Weight kg/100 m	Item no.
GK-TW70	2000	2	17.400	6274900

Partition for mounting in Rapid 80 GK, GA and Rapid IBIS device installation trunking or ISS service poles for installing cables of different voltage levels.

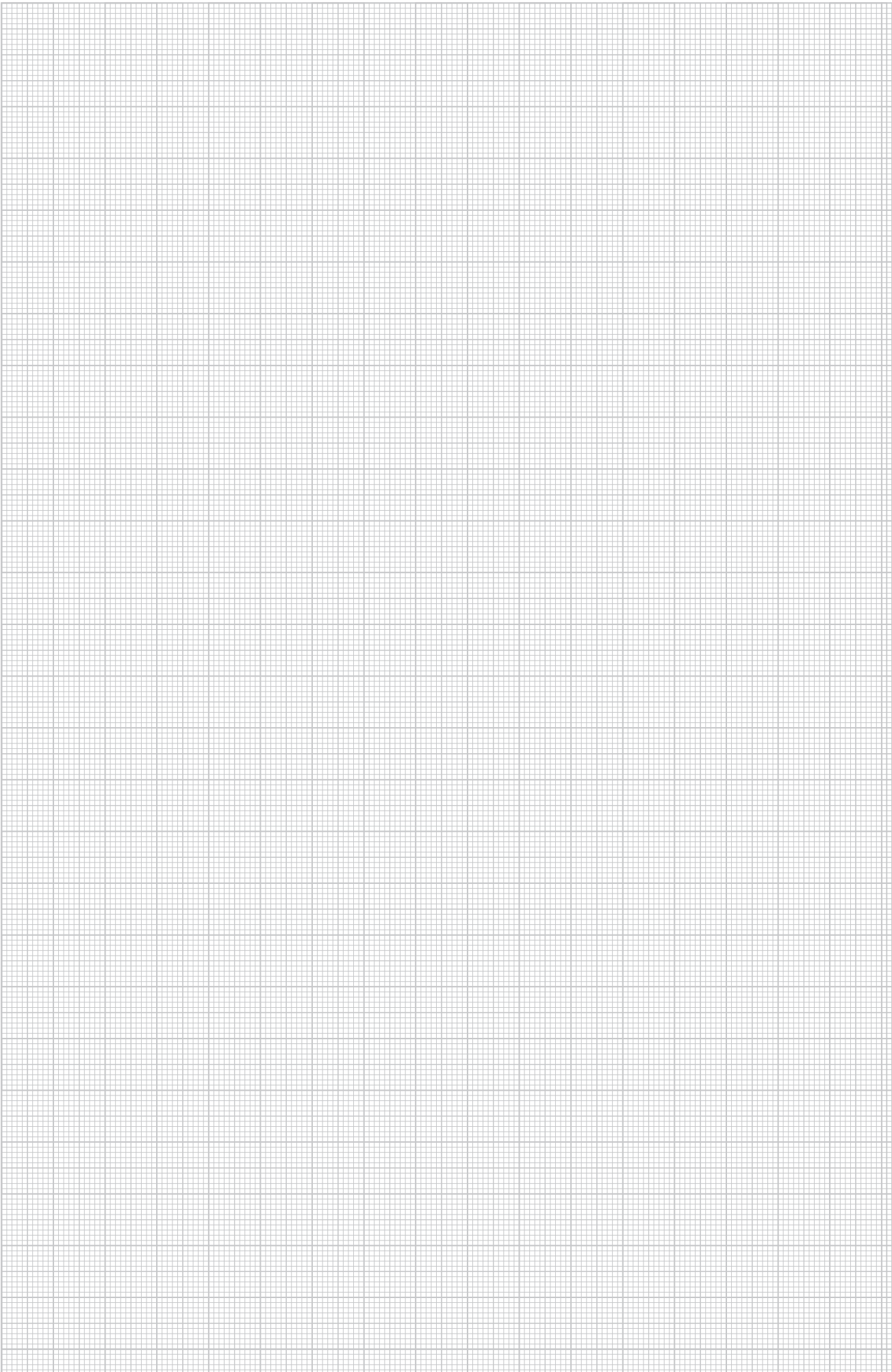
## Duct clamp KL80A

PC/ABS  
CE UK CA




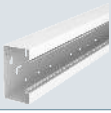
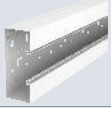


Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
KL80A	Light grey	20	0.685	6288640

Duct clamp for holding cables securely and for fastening the partition in Rapid 80 GK, GS and GA device installation trunking systems as well as in ISS service poles with a 76.5 mm system opening.





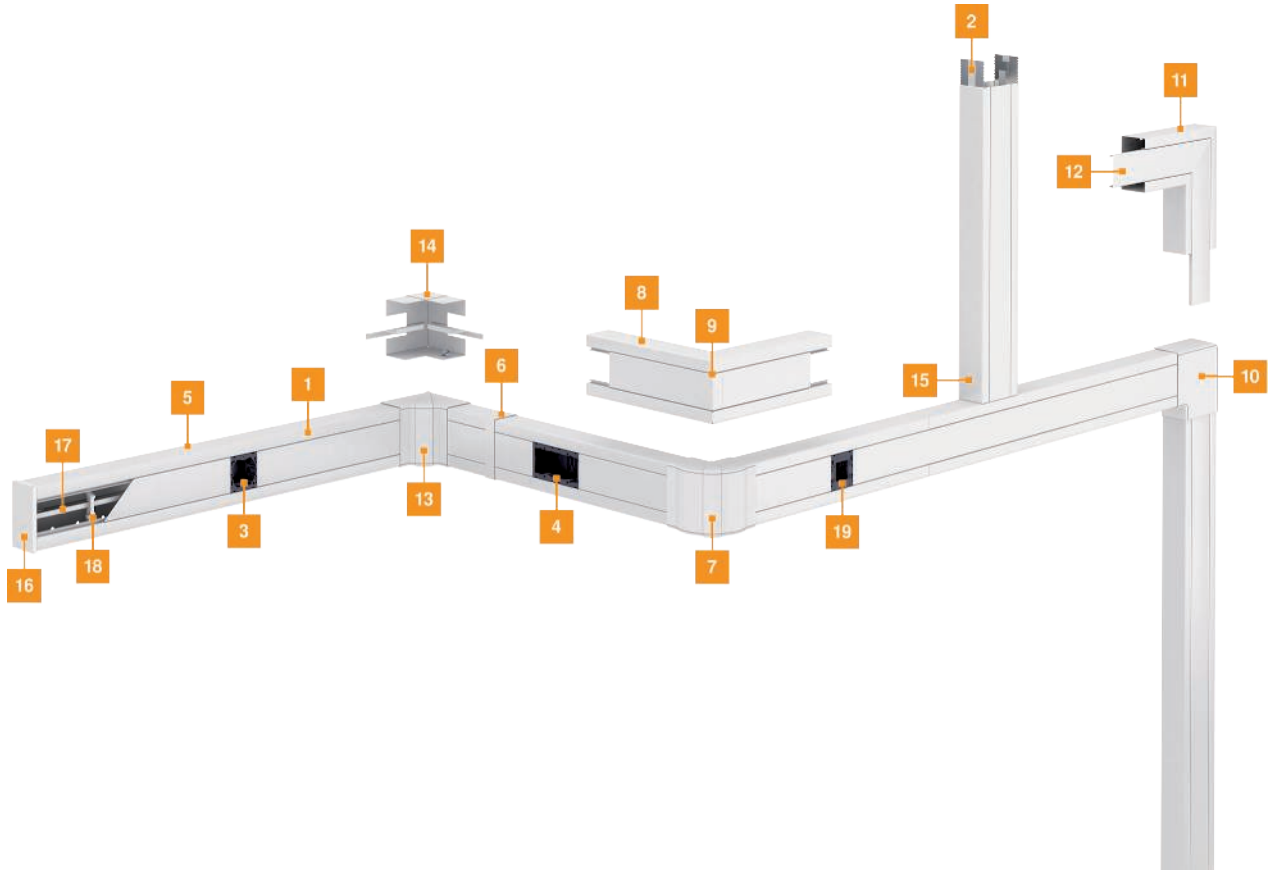
# Rapid 80 device installation trunking, sheet steel

	Metal device installation trunking, trunking width 110 mm	88
	Metal device installation trunking, trunking width 130 mm	94
	Metal device installation trunking, trunking width 170 mm	100
	Metal device installation trunking, trunking width 210 mm	108
	Desk trunking	114



# Installation principle

Rapid 80 sheet steel device installation trunking, sheet steel



1	Trunking	11	Flat angle
2	Coupling	12	Flat angle cover
3	Single accessory mounting box	13	Internal corner hood
4	Double accessory mounting box	14	Internal corner
5	Trunking cover	15	T piece
6	Joint cover	16	End piece
7	External corner cover, variable	17	Partition
8	External corner	18	Duct clamp
9	External corner cover	19	Single accessory mounting box Modul 45
10	Flat angle hood		



St

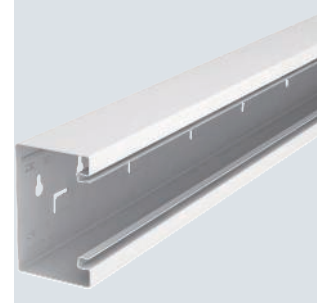
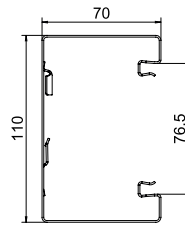


## Device installation trunking Rapid 80, trunking width 110, trunking height 70, symmetrical

Type	Colour	Length mm	Pack m	Weight kg/100 m	Item no.
GS-S70110RW	Pure white	2000	2	258.000	6277000

GS device installation trunking for mounting on the wall or on fastening panels. The GS device installation trunking possesses self-contacting locking straps to accept a sheet steel partition. The equipotential bonding between the trunking bases takes place using the trunking coupling. The protective measure and the equipotential bonding is guaranteed between the cover and the base by the self-contacting trunking cover. The real system opening is 76.5 mm. The cover must be ordered separately.

Over-lengths up to 3000 mm for trunking bases and covers as well as other RAL colours can be provided on request. The visible surfaces of the painted device installation trunking are laminated.



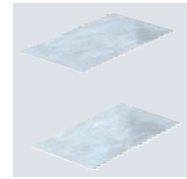
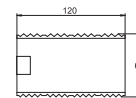
A2



## Coupling GS-KUP70

Type	Length mm	Pack PU	Weight kg/100 PUs	Item no.
GS-KUP70	120	1	6.400	6277290

Coupling for connecting the trunking bases. This creates the equipotential bonding between the trunking bases. The scope of delivery of a coupling includes 2 connection plates.



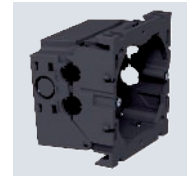
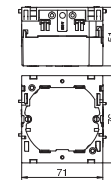
PA



## 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.



PA

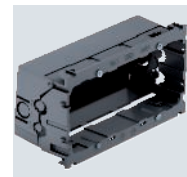
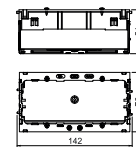


## Accessory mounting box 71GD7-2, double

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



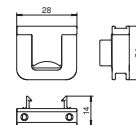
PA



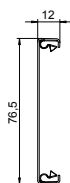
## 7ZE strain relief

Type	Pack Piece	Weight kg/100 pc.	Item no.
7ZE	50	0.700	6288790

Strain relief with locking clips, suitable for the accessory mounting boxes 7GD... and 71GD... . Cable clamping range to 14 mm.



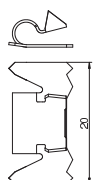
### Trunking cover, sheet steel



Type	Colour	Length mm	Pack m	Weight kg/100 m	Item no.
GS-OTRW	Pure white	2000	2	65.000	6279850

Cover to close the device installation trunking GEK-S and GEK-A.

### Locking bracket RKV3V



Type	Pack Piece	Weight kg/100 pc.	Item no.
RKV3V	20	0.085	6288700

Locking bracket for the mechanical and electrical connection of trunking covers and trunking bases. Suitable for covers of Rapid 45, Rapid 80 and ISS systems.

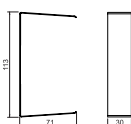
### Plastic trunking cover, smooth



Type	Colour	Length mm	Pack m	Weight kg/100 m	Item no.
GK-OTGRW	Pure white	2000	2	27.500	6278680

Smooth trunking cover, for closing device installation trunking with 76.5 mm system opening.

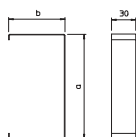
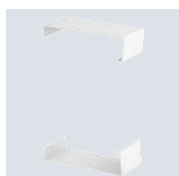
### Joint cover, trunking height 70 mm



Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
G-SVS70110RW	Pure white	1	4.800	6279760

Joint cover to hide sawn trunking joint edges.

### Joint cover, trunking height 70 mm



Type	Colour	Dim. a mm	Dim. h mm	Pack Piece	Weight kg/100 pc.	Item no.
G-SVS70110RW NO	Pure white	—	—	1	—	6279751

Joint cover to hide sawn trunking joint edges.

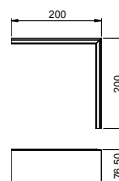
PVC



### External corner cover, smooth

Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
GK-OTGARW	Pure white	1	9.500	6274790

PVC external corner cover, smooth surface.



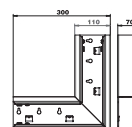
St



### Flat angle, for device installation trunking Rapid 80 type GS-S70110

Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
GS-SFS70110RW	Pure white	1	127.000	6277020

Flat angle for changing the direction of the GS device installation trunking.



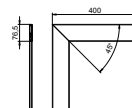
PVC



### Flat angle cover, smooth

Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
GK-OTGFRW	Pure white	1	17.000	6274490

PVC flat angle cover, smooth surface.



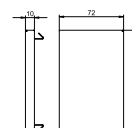
St



### End piece, for device installation trunking Rapid 80 type GS-70110

Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
GS-E70110RW	Pure white	1	9.600	6277070

End piece for GS device installation trunking.



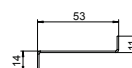
St



### Partition GS-TW70

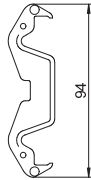
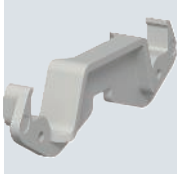
Type	Length mm	Suitable for trunking depth	Pack m	Weight kg/100 m	Item no.
GS-TW70	2000	70	2	58.650	6277090

Partition to divide the trunking for different voltage levels. Self-conducting contacting during mounting.



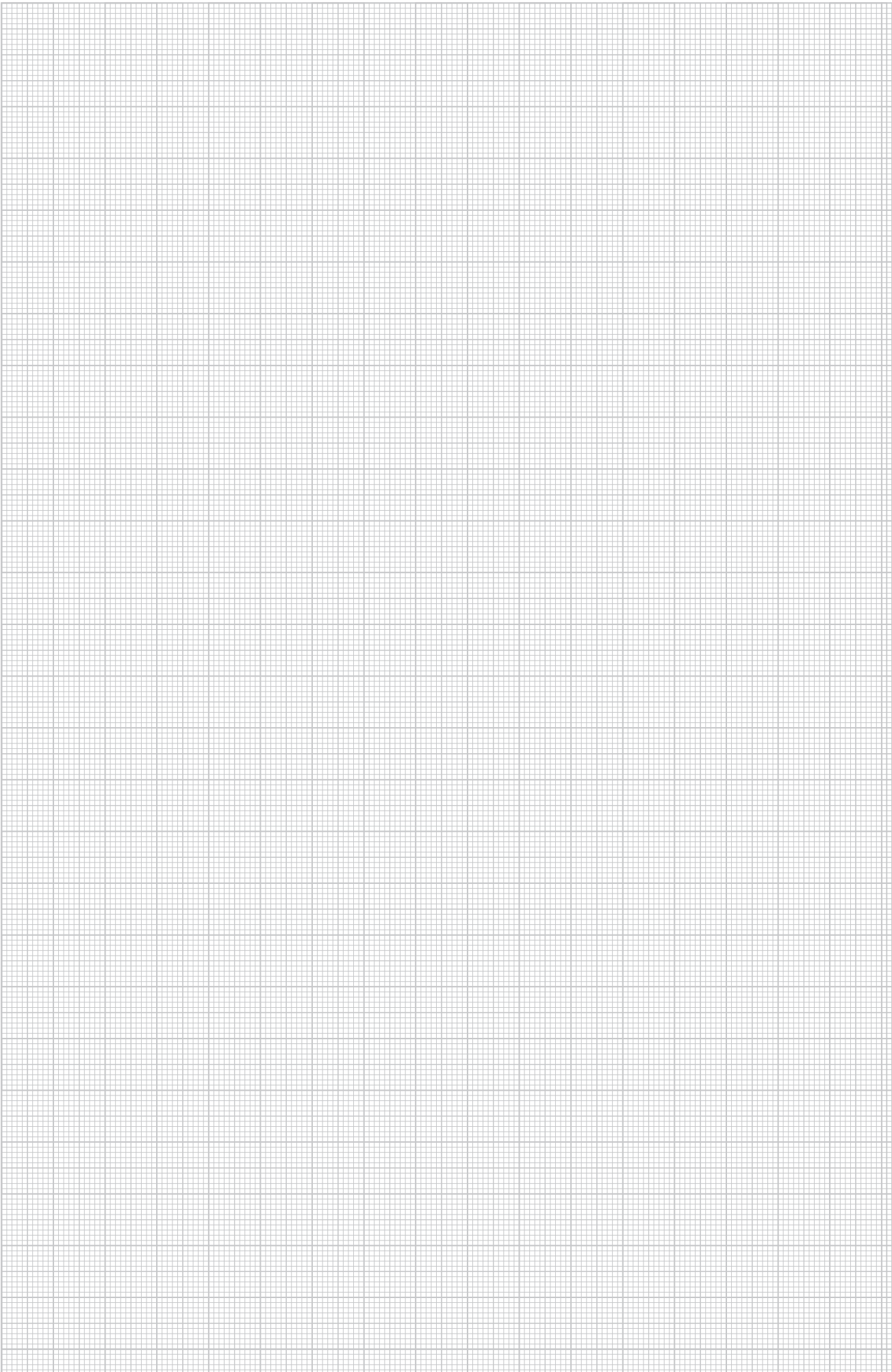
## Duct clamp KL80A

PC/  
ABS

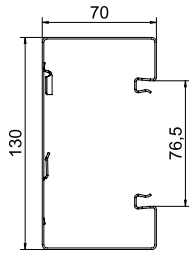
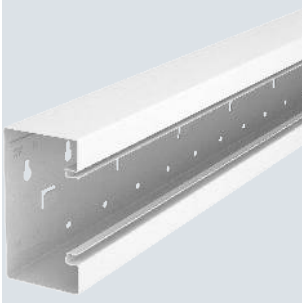


Colour	Pack	Weight	
<b>Type</b>	Piece	kg/100 pc.	<b>Item no.</b>
<b>KL80A</b> Light grey	20	0.685	<b>6288640</b>

Duct clamp for holding cables securely and for fastening the partition in Rapid 80 GK, GS and GA device installation trunking systems as well as in ISS service poles with a 76.5 mm system opening.



**Device installation trunking Rapid 80, trunking width 130, trunking height 70, symmetrical**

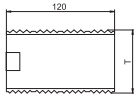
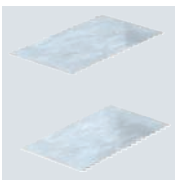


Type	Colour	Length mm	Pack m	Weight kg/100 m	Item no.
GS-S70130RW	Pure white	2000	2	289.000	6277200

GS device installation trunking possesses self-contacting locking straps to accept a sheet steel partition. The equipotential bonding between the trunking bases takes place using the trunking coupling. The protective measure and the equipotential bonding is guaranteed between the cover and the base by the self-contacting trunking cover. The real system opening is 76.5 mm. The cover must be ordered separately.

Over-lengths of up to 3,000 mm for trunking bases and covers as well as other RAL colours can be provided on request. The visible surfaces of the painted device installation trunking are laminated.

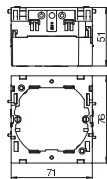
**Coupling GS-KUP70**



Type	Length mm	Pack PU	Weight kg/100 PUs	Item no.
GS-KUP70	120	1	6.400	6277290

Coupling for connecting the trunking bases. This creates the equipotential bonding between the trunking bases. The scope of delivery of a coupling includes 2 connection plates.

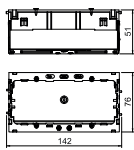
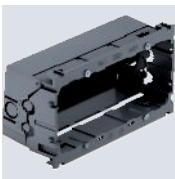
**Accessory mounting box 71GD6, single**



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**

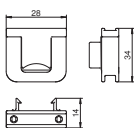


Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
71GD7-2	Iron grey	2	8.200	6288608

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.

**7ZE strain relief**



Type	Pack Piece	Weight kg/100 pc.	Item no.
7ZE	50	0.700	6288790

Strain relief with locking clips, suitable for the accessory mounting boxes 7GD... and 71GD... . Cable clamping range to 14 mm.

St



### Trunking cover, sheet steel

Type	Colour	Length mm	Pack m	Weight kg/100 m	Item no.
GS-OTRW	Pure white	2000	2	65.000	6279850

Cover to close the device installation trunking GEK-S and GEK-A.



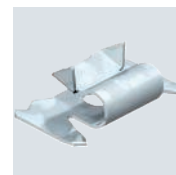
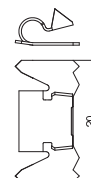
St



### Locking bracket RKV3V

Type	Pack Piece	Weight kg/100 pc.	Item no.
RKV3V	20	0.085	6288700

Locking bracket for the mechanical and electrical connection of trunking covers and trunking bases. Suitable for covers of Rapid 45, Rapid 80 and ISS systems.



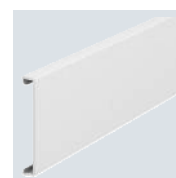
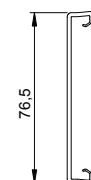
PVC



### Plastic trunking cover, smooth

Type	Colour	Length mm	Pack m	Weight kg/100 m	Item no.
GK-OTGRW	Pure white	2000	2	27.500	6278680

Smooth trunking cover, for closing device installation trunking with 76.5 mm system opening.



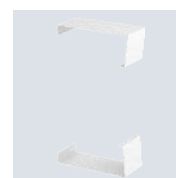
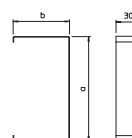
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### Joint cover, trunking height 70 mm

Type	Colour	Dim. a mm	Dim. h mm	Pack Piece	Weight kg/100 pc.	Item no.
G-SVS70130RW NO	Pure white	—	—	1	—	6279752

Joint cover to hide sawn trunking joint edges.



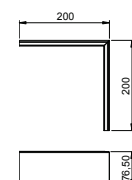
PVC



### External corner cover, smooth

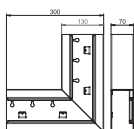
Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
GK-OTGARW	Pure white	1	9.500	6274790

PVC external corner cover, smooth surface.



### Flat angle, symmetrical, for device installation trunking Rapid 80 type GS-S70130

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CE UKCA

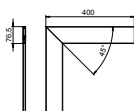


Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
GS-SFS70130RW	Pure white	1	137.000	6277220

Flat angle for changing the direction of the GS device installation trunking.

### Flat angle cover, smooth

PVC  
CE UKCA

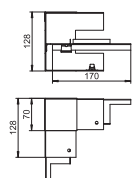
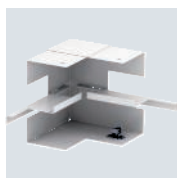


Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
GK-OTGFRW	Pure white	1	17.000	6274490

PVC flat angle cover, smooth surface.

### Internal corner, symmetrical, for device installation trunking Rapid 80 type GS-S70130

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CE UKCA

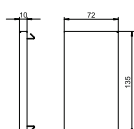


Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
GS-SI70130RW	Pure white	1	57.000	6277240

Internal corner for direct installation on GS device installation trunking.

### End piece, for device installation trunking Rapid 80 type GS-70130

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CE UKCA

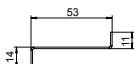
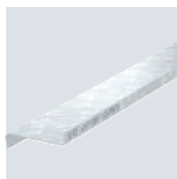


Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
GS-E70130RW	Pure white	1	10.800	6277270

End piece for GS device installation trunking.

### Partition GS-TW70

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CE UKCA



Type	Length mm	Suitable for trunking depth	Pack m	Weight kg/100 m	Item no.
GS-TW70	2000	70	2	58.650	6277090

Partition to divide the trunking for different voltage levels. Self-conducting contacting during mounting.



PC/ABS



### Duct clamp KL80A

Colour		Pack Piece	Weight kg/100 pc.	Item no.
Type	KL80A	20	0.685	6288640

Duct clamp for holding cables securely and for fastening the partition in Rapid 80 GK, GS and GA device installation trunking systems as well as in ISS service poles with a 76.5 mm system opening.



## Trunking height 70 and 90 mm, trunking width 130 mm, asymmetrical

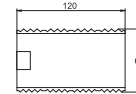
A2



### Coupling GS-KUP70

Length mm		Pack PU	Weight kg/100 PUs	Item no.
Type	GS-KUP70	1	6.400	6277290

Coupling for connecting the trunking bases. This creates the equipotential bonding between the trunking bases. The scope of delivery of a coupling includes 2 connection plates.



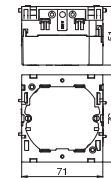
PA



### Accessory mounting box 71GD6, single

Colour		Pack Piece	Weight kg/100 pc.	Item no.
Type	71GD6	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.



PA

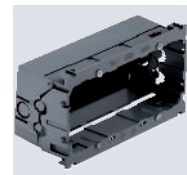
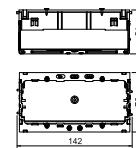


### Accessory mounting box 71GD7-2, double

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



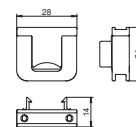
PA



### 7ZE strain relief

		Pack Piece	Weight kg/100 pc.	Item no.
Type	7ZE	50	0.700	6288790

Strain relief with locking clips, suitable for the accessory mounting boxes 7GD... and 71GD... . Cable clamping range to 14 mm.



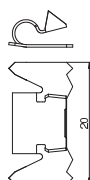
### Trunking cover, sheet steel



Type	Colour	Length mm	Pack m	Weight kg/100 m	Item no.
GS-OTRW	Pure white	2000	2	65.000	6279850

Cover to close the device installation trunking GEK-S and GEK-A.

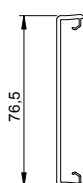
### Locking bracket RKV3V



Type	Pack Piece	Weight kg/100 pc.	Item no.
RKV3V	20	0.085	6288700

Locking bracket for the mechanical and electrical connection of trunking covers and trunking bases. Suitable for covers of Rapid 45, Rapid 80 and ISS systems.

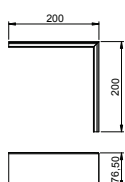
### Plastic trunking cover, smooth



Type	Colour	Length mm	Pack m	Weight kg/100 m	Item no.
GK-OTGRW	Pure white	2000	2	27.500	6278680

Smooth trunking cover, for closing device installation trunking with 76.5 mm system opening.

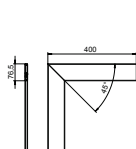
### External corner cover, smooth



Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
GK-OTGARW	Pure white	1	9.500	6274790

PVC external corner cover, smooth surface.

### Flat angle cover, smooth



Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
GK-OTGFRW	Pure white	1	17.000	6274490

PVC flat angle cover, smooth surface.

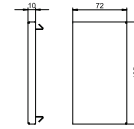
St



### End piece, for device installation trunking Rapid 80 type GS-70130

Type	Colour		Pack Piece	Weight kg/100 pc.	Item no.
	Colour	Material			
GS-E70130RW	Pure white		1	10.800	6277270

End piece for GS device installation trunking.



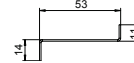
St



### Partition GS-TW70

Type	Length mm		Pack m	Weight kg/100 m	Item no.
	mm	Suitable for trunking depth			
GS-TW70	2000	70	2	58.650	6277090

Partition to divide the trunking for different voltage levels. Self-conducting contacting during mounting.



PC/ABS



### Duct clamp KL80A

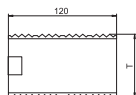
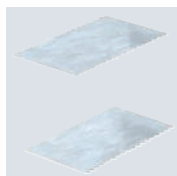
Type	Colour		Pack Piece	Weight kg/100 pc.	Item no.
	Colour	Material			
KL80A	Light grey		20	0.685	6288640

Duct clamp for holding cables securely and for fastening the partition in Rapid 80 GK, GS and GA device installation trunking systems as well as in ISS service poles with a 76.5 mm system opening.



### Coupling GS-KUP70

A2

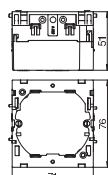


Type	Length mm	Pack PU	Weight kg/100 PUs	Item no.
GS-KUP70	120	1	6.400	6277290

Coupling for connecting the trunking bases. This creates the equipotential bonding between the trunking bases. The scope of delivery of a coupling includes 2 connection plates.

### Accessory mounting box 71GD6, single

PA

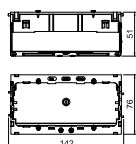
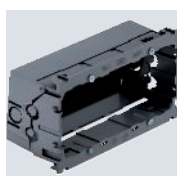


Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
71GD6	Iron grey	5	5.600	6288610

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



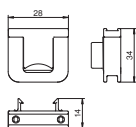
Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
71GD7-2	Iron grey	2	8.200	6288608

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.

### 7ZE strain relief

PA

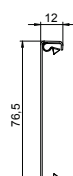


Type	Pack Piece	Weight kg/100 pc.	Item no.
7ZE	50	0.700	6288790

Strain relief with locking clips, suitable for the accessory mounting boxes 7GD... and 71GD... . Cable clamping range to 14 mm.

### Trunking cover, sheet steel

St



Type	Colour	Length mm	Pack m	Weight kg/100 m	Item no.
GS-OTRW	Pure white	2000	2	65.000	6279850

Cover to close the device installation trunking GEK-S and GEK-A.

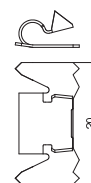
St



### Locking bracket RKV3V

Type	Pack Piece	Weight kg/100 pc.	Item no.
RKV3V	20	0.085	6288700

Locking bracket for the mechanical and electrical connection of trunking covers and trunking bases. Suitable for covers of Rapid 45, Rapid 80 and ISS systems.



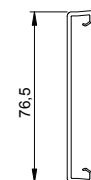
PVC



### Plastic trunking cover, smooth

Type	Colour	Length mm	Pack m	Weight kg/100 m	Item no.
GK-OTGRW	Pure white	2000	2	27.500	6278680

Smooth trunking cover, for closing device installation trunking with 76.5 mm system opening.



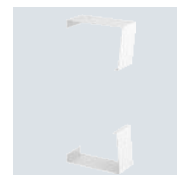
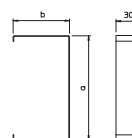
St



### Joint cover, trunking height 70 mm

Type	Colour	Dim. a mm	Dim. h mm	Pack Piece	Weight kg/100 pc.	Item no.
G-SVS70170RW NO	Pure white	-	-	1	-	6279753

Joint cover to hide sawn trunking joint edges.



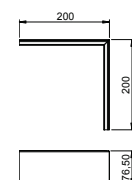
PVC



### External corner cover, smooth

Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
GK-OTGARW	Pure white	1	9.500	6274790

PVC external corner cover, smooth surface.



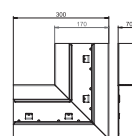
St



### Flat angle, symmetrical, for device installation trunking Rapid 80 type GS-S70170

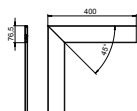
Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
GS-SFS70170RW	Pure white	1	152.000	6277620

Flat angle for changing the direction of the GS device installation trunking.



### Flat angle cover, smooth

PVC  
CE UKCA

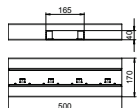
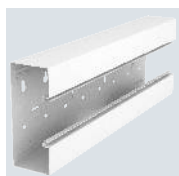


Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
GK-OTGFRW	Pure white	1	17.000	6274490

PVC flat angle cover, smooth surface.

### T piece, symmetrical, for device installation trunking Rapid 80 type GS-S70170

St  
CE UKCA

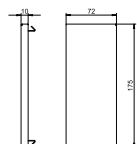


Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
GS-ST70170RW	Pure white	1	172.000	6277660

T piece suitable for direct wall mounting.

### End piece, for device installation trunking Rapid 80 type GS-70170

St  
CE UKCA

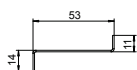


Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
GS-E70170RW	Pure white	1	12.900	6277670

End piece for GS device installation trunking.

### Partition GS-TW70

St  
CE UKCA

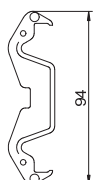


Type	Length mm	Suitable for trunking depth	Pack m	Weight kg/100 m	Item no.
GS-TW70	2000	70	2	58.650	6277090

Partition to divide the trunking for different voltage levels. Self-conducting contacting during mounting.

### Duct clamp KL80A

PC/ABS  
CE UKCA



Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
KL80A	Light grey	20	0.685	6288640

Duct clamp for holding cables securely and for fastening the partition in Rapid 80 GK, GS and GA device installation trunking systems as well as in ISS service poles with a 76.5 mm system opening.

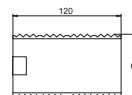
A2



## Coupling GS-KUP70

Type	Length mm	Pack PU	Weight kg/100 PUs	Item no.
GS-KUP70	120	1	6.400	6277290

Coupling for connecting the trunking bases. This creates the equipotential bonding between the trunking bases. The scope of delivery of a coupling includes 2 connection plates.



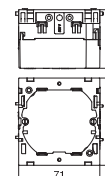
PA



## 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.



PA

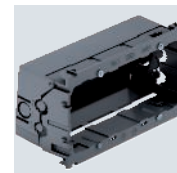
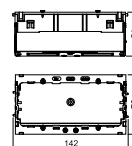


## Accessory mounting box 71GD7-2, double

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



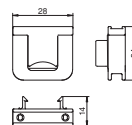
PA



## 7ZE strain relief

Type	Pack Piece	Weight kg/100 pc.	Item no.
7ZE	50	0.700	6288790

Strain relief with locking clips, suitable for the accessory mounting boxes 7GD... and 71GD...  
Cable clamping range to 14 mm.



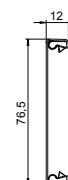
St



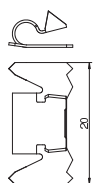
## Trunking cover, sheet steel

Type	Colour	Length mm	Pack m	Weight kg/100 m	Item no.
GS-OTRW	Pure white	2000	2	65.000	6279850

Cover to close the device installation trunking GEK-S and GEK-A.



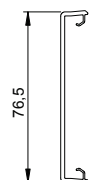
### Locking bracket RKV3V



Type	Colour	Length mm	Pack Piece	Weight kg/100 pc.	Item no.
RKV3V			20	0.085	6288700

Locking bracket for the mechanical and electrical connection of trunking covers and trunking bases. Suitable for covers of Rapid 45, Rapid 80 and ISS systems.

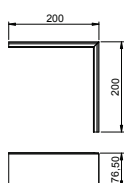
### Plastic trunking cover, smooth



Type	Colour	Length mm	Pack m	Weight kg/100 m	Item no.
GK-OTGRW	Pure white	2000	2	27.500	6278680

Smooth trunking cover, for closing device installation trunking with 76.5 mm system opening.

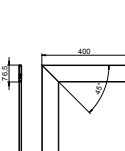
### External corner cover, smooth



Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
GK-OTGARW	Pure white	1	9.500	6274790

PVC external corner cover, smooth surface.

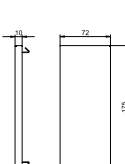
### Flat angle cover, smooth



Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
GK-OTGFRW	Pure white	1	17.000	6274490

PVC flat angle cover, smooth surface.

### End piece, for device installation trunking Rapid 80 type GS-70170



Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
GS-E70170RW	Pure white	1	12.900	6277670

End piece for GS device installation trunking.



## Trunking height 70 and 90 mm, trunking width 170 mm, asymmetrical

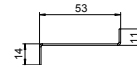
St



Type	Length		Pack	Weight	Item no.
	mm	Suitable for trunking depth			
GS-TW70	2000	70	2	58.650	6277090

Partition to divide the trunking for different voltage levels. Self-conducting contacting during mounting.

### Partition GS-TW70



PC/ABS



Type	Colour	Pack	Weight	Item no.
KL80A	Light grey	20	0.685	6288640

Duct clamp for holding cables securely and for fastening the partition in Rapid 80 GK, GS and GA device installation trunking systems as well as in ISS service poles with a 76.5 mm system opening.

### Duct clamp KL80A



## Trunking height 70 and 90 mm, trunking width 170 mm, duoduct

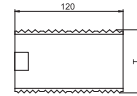
A2



Type	Length	Pack	Weight	Item no.
GS-KUP70	120	1	6.400	6277290

Coupling for connecting the trunking bases. This creates the equipotential bonding between the trunking bases. The scope of delivery of a coupling includes 2 connection plates.

### Coupling GS-KUP70



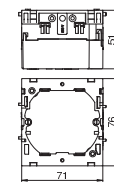
PA



Type	Colour	Pack	Weight	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 71GD6, single



PA

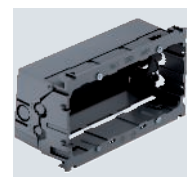
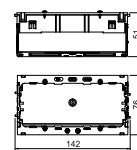


Type	Colour	Pack	Weight	Item no.
71GD7-2	Iron grey	2	8.200	6288608

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.

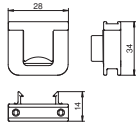
Vertical fastening track 60 mm.

### Accessory mounting box 71GD7-2, double



### 7ZE strain relief

PA

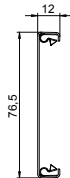


Type	Colour	Length mm	Pack Piece	Weight kg/100 pc.	Item no.
7ZE			50	0.700	6288790

Strain relief with locking clips, suitable for the accessory mounting boxes 7GD... and 71GD... . Cable clamping range to 14 mm.

### Trunking cover, sheet steel

St

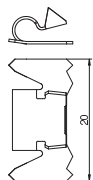


Type	Colour	Length mm	Pack m	Weight kg/100 m	Item no.
GS-OTRW	Pure white	2000	2	65.000	6279850

Cover to close the device installation trunking GEK-S and GEK-A.

### Locking bracket RKV3V

St

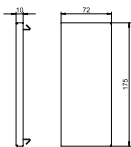


Type	Colour	Length mm	Pack Piece	Weight kg/100 pc.	Item no.
RKV3V			20	0.085	6288700

Locking bracket for the mechanical and electrical connection of trunking covers and trunking bases. Suitable for covers of Rapid 45, Rapid 80 and ISS systems.

### End piece, for device installation trunking Rapid 80 type GS-70170

St

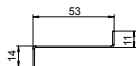


Type	Colour	Length mm	Pack Piece	Weight kg/100 pc.	Item no.
GS-E70170RW	Pure white		1	12.900	6277670

End piece for GS device installation trunking.

### Partition GS-TW70

St



Type	Length mm	Suitable for trunking depth	Pack m	Weight kg/100 m	Item no.
GS-TW70	2000	70	2	58.650	6277090

Partition to divide the trunking for different voltage levels. Self-conducting contacting during mounting.

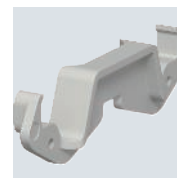
PC/  
ABS



### Duct clamp KL80A

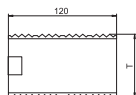
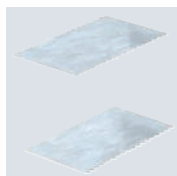
Colour		Pack	Weight	Item no.
Type		Piece	kg/100 pc.	
KL80A	Light grey	20	0.685	<b>6288640</b>

Duct clamp for holding cables securely and for fastening the partition in Rapid 80 GK, GS and GA device installation trunking systems as well as in ISS service poles with a 76.5 mm system opening.



## Coupling GS-KUP70

A2

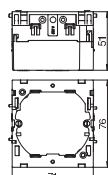


Type	Length mm	Pack PU	Weight kg/100 PUs	Item no.
GS-KUP70	120	1	6.400	6277290

Coupling for connecting the trunking bases. This creates the equipotential bonding between the trunking bases. The scope of delivery of a coupling includes 2 connection plates.

## Accessory mounting box 71GD6, single

PA

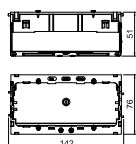
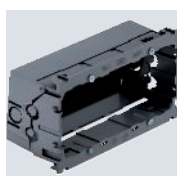


Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
71GD6	Iron grey	5	5.600	6288610

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



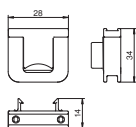
Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
71GD7-2	Iron grey	2	8.200	6288608

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.

## 7ZE strain relief

PA

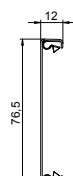


Type	Pack Piece	Weight kg/100 pc.	Item no.
7ZE	50	0.700	6288790

Strain relief with locking clips, suitable for the accessory mounting boxes 7GD... and 71GD... . Cable clamping range to 14 mm.

## Trunking cover, sheet steel

St



Type	Colour	Length mm	Pack m	Weight kg/100 m	Item no.
GS-OTRW	Pure white	2000	2	65.000	6279850

Cover to close the device installation trunking GEK-S and GEK-A.

# Trunking height 70 and 90 mm, trunking width 210 mm, asymmetrical

St



## Locking bracket RKV3V

Type	Pack Piece	Weight kg/100 pc.	Item no.
RKV3V	20	0.085	6288700

Locking bracket for the mechanical and electrical connection of trunking covers and trunking bases. Suitable for covers of Rapid 45, Rapid 80 and ISS systems.



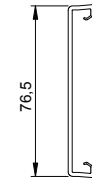
PVC



## Plastic trunking cover, smooth

Type	Colour	Length mm	Pack m	Weight kg/100 m	Item no.
GK-OTGRW	Pure white	2000	2	27.500	6278680

Smooth trunking cover, for closing device installation trunking with 76.5 mm system opening.



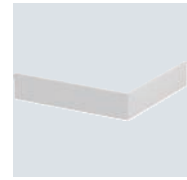
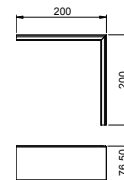
PVC



## External corner cover, smooth

Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
GK-OTGARW	Pure white	1	9.500	6274790

PVC external corner cover, smooth surface.



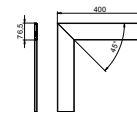
PVC



## Flat angle cover, smooth

Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
GK-OTGFRW	Pure white	1	17.000	6274490

PVC flat angle cover, smooth surface.



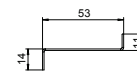
St



## Partition GS-TW70

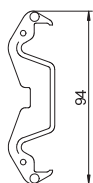
Type	Length mm	Suitable for trunking depth	Pack m	Weight kg/100 m	Item no.
GS-TW70	2000	70	2	58.650	6277090

Partition to divide the trunking for different voltage levels. Self-conducting contacting during mounting.



## Trunking height 70 and 90 mm, trunking width 210 mm, asymmetrical

### Duct clamp KL80A

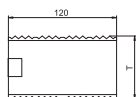


Colour		Pack	Weight	Item no.
Type	Piece	kg/100 pc.		
<b>KL80A</b>	Light grey	20	0.685	<b>6288640</b>

Duct clamp for holding cables securely and for fastening the partition in Rapid 80 GK, GS and GA device installation trunking systems as well as in ISS service poles with a 76.5 mm system opening.

## Trunking height 70 and 90 mm, trunking width 210 mm, duoduct

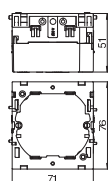
### Coupling GS-KUP70



Length		Pack	Weight	Item no.
Type	mm	PU	kg/100 PUs	
<b>GS-KUP70</b>	120	1	6.400	<b>6277290</b>

Coupling for connecting the trunking bases. This creates the equipotential bonding between the trunking bases. The scope of delivery of a coupling includes 2 connection plates.

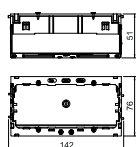
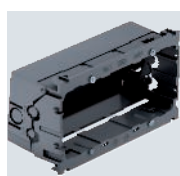
### Accessory mounting box 71GD6, single



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

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

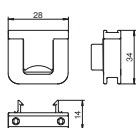


Colour		Pack	Weight	Item no.
Type	Piece	kg/100 pc.		
<b>71GD7-2</b>	Iron grey	2	8.200	<b>6288608</b>

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.

### 7ZE strain relief



Type		Pack	Weight	Item no.
Type	Piece	kg/100 pc.		
<b>7ZE</b>	50	0.700	<b>6288790</b>	

Strain relief with locking clips, suitable for the accessory mounting boxes 7GD... and 71GD... . Cable clamping range to 14 mm.

St



### Trunking cover, sheet steel

Type	Colour	Length mm	Pack m	Weight kg/100 m	Item no.
GS-OTRW	Pure white	2000	2	65.000	6279850

Cover to close the device installation trunking GEK-S and GEK-A.



St



### Locking bracket RKV3V

Type	Pack Piece	Weight kg/100 pc.	Item no.
RKV3V	20	0.085	6288700

Locking bracket for the mechanical and electrical connection of trunking covers and trunking bases. Suitable for covers of Rapid 45, Rapid 80 and ISS systems.



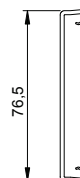
PVC



### Plastic trunking cover, smooth

Type	Colour	Length mm	Pack m	Weight kg/100 m	Item no.
GK-OTGRW	Pure white	2000	2	27.500	6278680

Smooth trunking cover, for closing device installation trunking with 76.5 mm system opening.



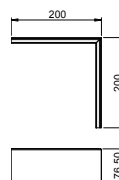
PVC



### External corner cover, smooth

Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
GK-OTGARW	Pure white	1	9.500	6274790

PVC external corner cover, smooth surface.



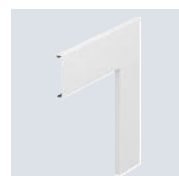
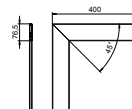
PVC



### Flat angle cover, smooth

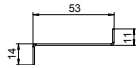
Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
GK-OTGFRW	Pure white	1	17.000	6274490

PVC flat angle cover, smooth surface.



### Partition GS-TW70

St

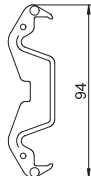
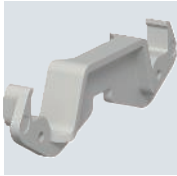


Type	Length		Pack	Weight	Item no.
	mm	Suitable for trunking depth			
GS-TW70	2000	70	2	58.650	6277090

Partition to divide the trunking for different voltage levels. Self-conducting contacting during mounting.

### Duct clamp KL80A

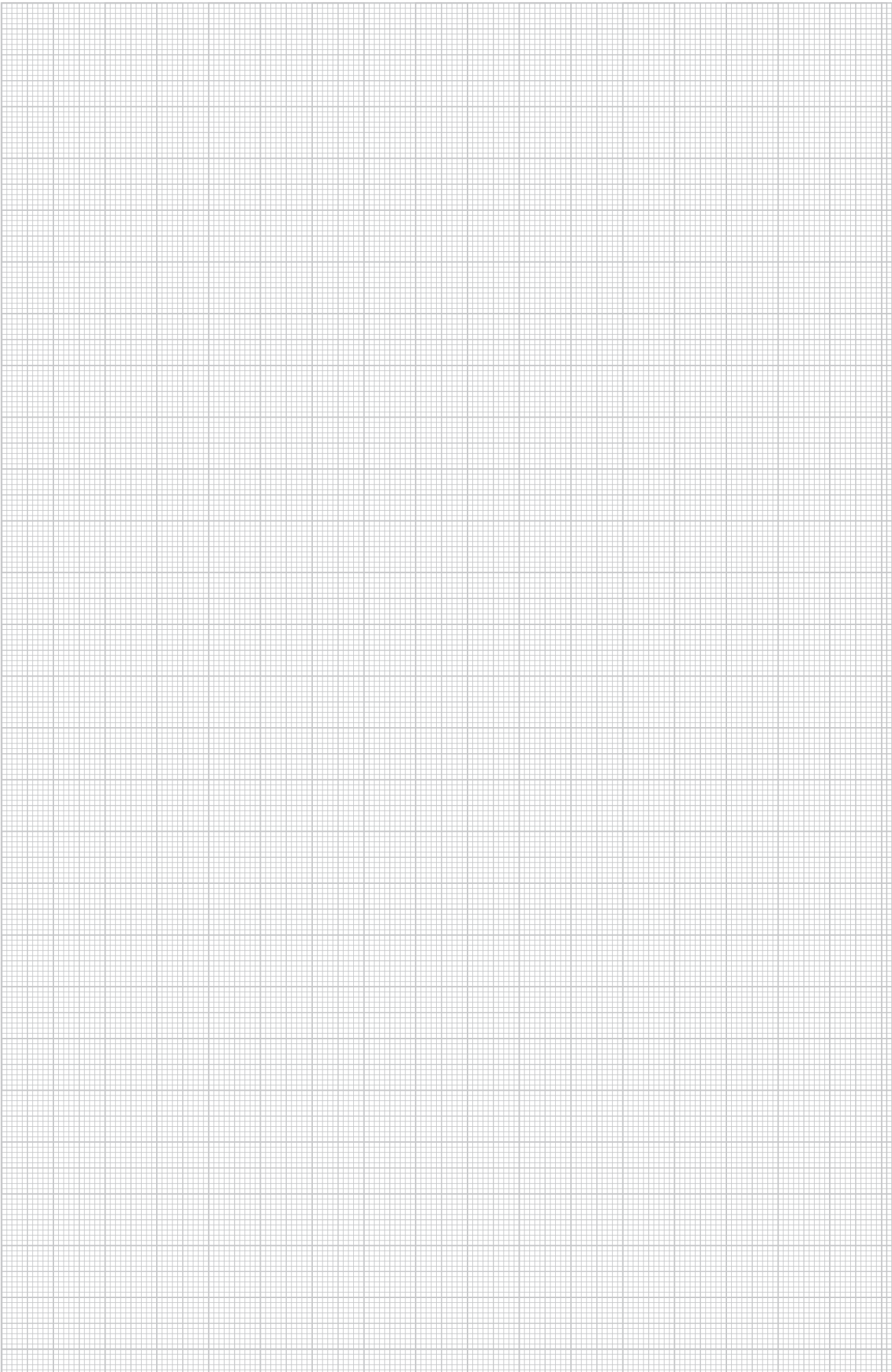
PC/ABS



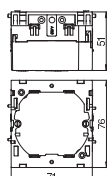
Type	Colour	Pack	Weight	Item no.
KL80A	Light grey	20	0.685	6288640

Duct clamp for holding cables securely and for fastening the partition in Rapid 80 GK, GS and GA device installation trunking systems as well as in ISS service poles with a 76.5 mm system opening.





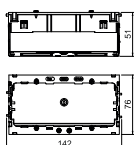
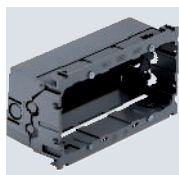
## Accessory mounting box 71GD6, single



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

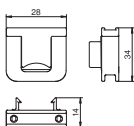


Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
71GD7-2	Iron grey	2	8.200	6288608

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.

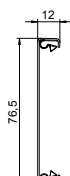
## 7ZE strain relief



Type	Pack Piece	Weight kg/100 pc.	Item no.
7ZE	50	0.700	6288790

Strain relief with locking clips, suitable for the accessory mounting boxes 7GD... and 71GD... . Cable clamping range to 14 mm.

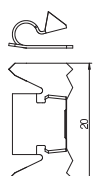
## Trunking cover, sheet steel



Type	Colour	Length mm	Pack m	Weight kg/100 m	Item no.
GS-OTRW	Pure white	2000	2	65.000	6279850

Cover to close the device installation trunking GEK-S and GEK-A.

## Locking bracket RKV3V



Type	Pack Piece	Weight kg/100 pc.	Item no.
RKV3V	20	0.085	6288700

Locking bracket for the mechanical and electrical connection of trunking covers and trunking bases. Suitable for covers of Rapid 45, Rapid 80 and ISS systems.

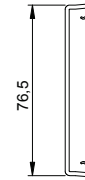
PVC



## Plastic trunking cover, smooth

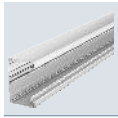
Type	Colour	Length mm	Pack m	Weight kg/100 m	Item no.
GK-OTGRW	Pure white	2000	2	27.500	6278680

Smooth trunking cover, for closing device installation trunking with 76.5 mm system opening.

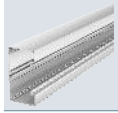




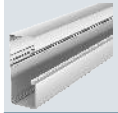
# Rapid 80 device installation trunking, aluminium



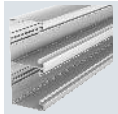
Aluminium device installation trunking, trunking width 110 mm 118



Aluminium device installation trunking, trunking width 130 mm 124



Aluminium device installation trunking, trunking width 170 mm 126



Aluminium device installation trunking, trunking width 210 mm 130

# System description

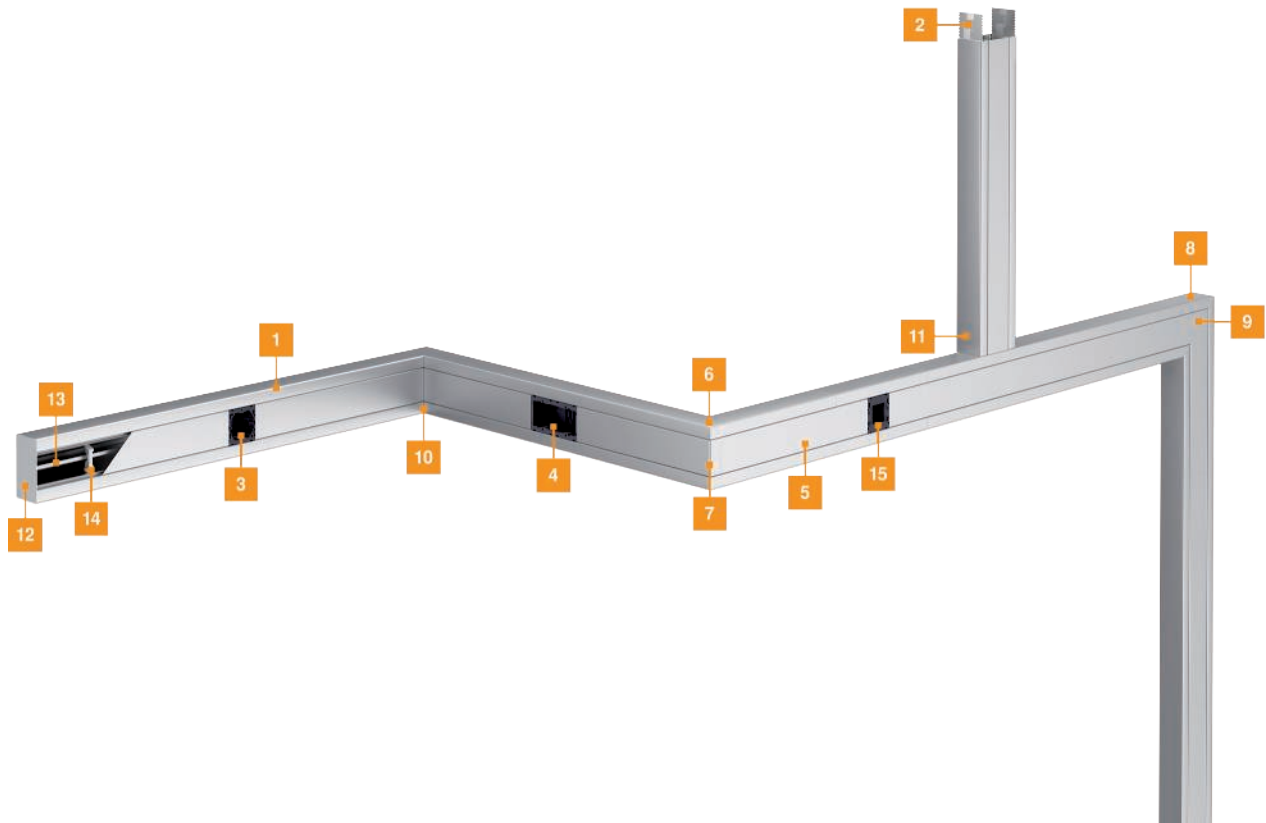


Rapid 80 is the right choice in any location where there is a lot to install. Functionality and an attractive appearance simply go well together in this device installation trunking. The clear advantage is also its flexibility. The right system is available for every building.

Rapid 80 combines design and function into a single system in a fuss-free and convincing manner. Thanks to the consistent standardisation of system components, the three types of trunking can either be used as individual variants or in combination.

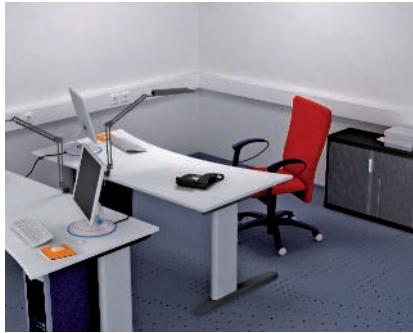
# Installation principle

Rapid 80 device installation trunking, aluminium



1	Device installation trunking	11	T piece
2	Coupling	12	End piece
3	Single accessory mounting box	13	Partition
4	Double accessory mounting box	14	Duct clamp
5	Trunking cover	15	Single accessory mounting box, Modul 45®
6	External corner		
7	External corner cover		
8	Flat angle		
9	Flat angle cover		
10	Internal corner		

# Mounting aid



## GK flexible office installation

The large product range of fittings and installation options allows flexible installation, for which changes and additions are not a problem.



## GK coupling mounting

The coupling of the GK device installation trunking is contained in the scope of delivery and is pre-mounted. It is pulled out of the trunking and automatically locks in the correct position. This allows simple mounting of additional trunking sections.



## GK/GS/GA coupling mounting

A coupling pair must be ordered separately to connect two trunking bases.



## GK/GS/GA coupling mounting

Insert the coupling in the top part of the device installation trunking and push it into the trunking. This automatically locks the coupling and, at the same time, the equipotential bonding is created between the two trunking bases.



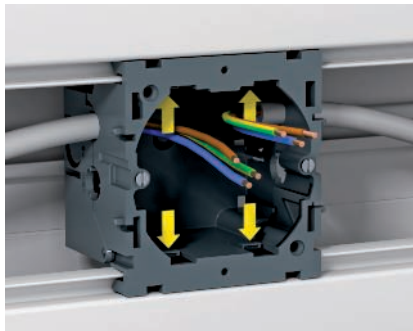
## GK/GS/GA accessory mounting box mounting

Lock the accessory mounting boxes of series 71GD... into the cover contour. They can be moved lengthwise in the trunking.



## Accessory mounting box mounting

All the front-locking accessory mounting boxes of the 71GD... series can simply be inserted into the system opening of the Rapid 80 GK, GS and GA device installation trunking from the front.



## Check of locking lugs

Together with vertically aligned convection grids, the connection profile is locked onto the wall brackets before mounting the GEK-S device installation trunking.



## Installation of device installation trunking on wall bracket

The accessory mounting boxes must be secured against movement, in accordance with the table. This is done by mounting the covers, which come very close to the accessory mounting boxes.



## GK/GS/GA device mounting

Switching and connection devices of all well-known manufacturers can be used. If a particularly large amount of space is required for the use of, for example, data boxes, various mounting supports are available without protective housings.





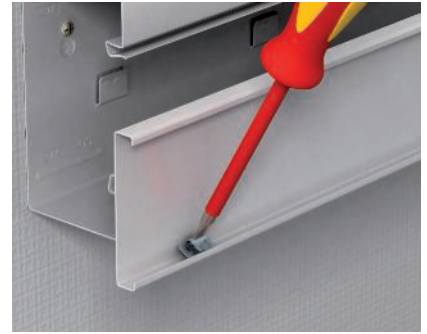
**GK/GS/GA accessory mounting box mounting**

The real trunking opening width of 76.5 mm ensures that even switches of a greater external radius do not leave visible openings between the top trunking cover and the series cover.



**GK/GS/GA Modul 45® device installation**

The Modul 45® accessory mounting box system and the appropriate covers of the S990 series allow space- and time-saving installation in all the device installation trunking systems and service poles.



**GS/GA cover earthing**

With cut covers, the locking brackets can be installed at a later date as necessary. They must be mounted at a distance of 50 mm from the end of the cover.



**GS/GA cover earthing**

The self-contacting cover earthing guarantees continuous protection without any additional wiring. The locking brackets are pre-mounted in the cover.



**GK/GS/GA duct clamp mounting**

Together with the partition, the trunking clamp prevents the cables from falling out and supports the stability of the systems when the upper parts are inserted.



**GS mounting of protective conductor connection bracket**

The protective conductor connection bracket is turned into the appropriate recesses in the trunking base and fastened using a screwdriver.



**GA mounting of protective conductor connection bracket**

The protective conductor connection bracket is turned into the appropriate C rail in the trunking base and fastened using a screwdriver.



**GK/GS end piece components**

The end piece consists of a fastening element and a screen. The screen guides are suitable for each trunking type (symmetrical, asymmetrical or duoduct) as well as left and right end pieces. The pictograms on the screen help to select the appropriate guide.



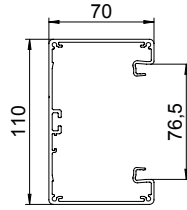
**GK/GS end piece mounting**

Place the pre-mounted end piece on the trunking and fix it to the trunking using the two bolts. Then mount the cover.

# Trunking height 70 mm, trunking width 110 mm

## Device installation trunking Rapid 80, trunking width 110, trunking height 70, symmetrical

Alu EL



Type	Colour	Surface	Length mm	Pack m	Weight kg/100 m	Item no.
GA-S70110EL	—	Anodised	2000	2	198.200	6279203

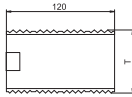
Device installation trunking Without base perforation suitable for direct wall mounting or mounting on panels. Over-lengths up to 6,000 mm for trunking bases and covers as well as other RAL colours can be provided on request. The visible surfaces of the device installation trunking are laminated.

**Note:**

For anodised device installation trunking and fittings made from aluminium, light colour differences caused by tolerance based on the material and process conditions, cannot be avoided (according to DIN 17 611). Alternatively, we recommend powder coating in the colour RAL 9006 (white aluminium).

## Coupling GA-KUP70

A2

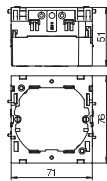


Type	Length mm	Pack PU	Weight kg/100 PUs	Item no.
GA-KUP70	120	1	5.800	6279701

Joint connector for connecting the bases of Rapid 80 GA aluminium device installation trunking. The scope of delivery of a coupling includes 2 connection plates.

## Accessory mounting box 71GD6, single

PA

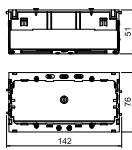
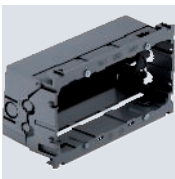


Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
71GD6	Iron grey	5	5.600	6288610

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



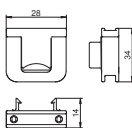
Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
71GD7-2	Iron grey	2	8.200	6288608

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.

## 7ZE strain relief

PA



Type	Pack Piece	Weight kg/100 pc.	Item no.
7ZE	50	0.700	6288790

Strain relief with locking clips, suitable for the accessory mounting boxes 7GD... and 71GD... . Cable clamping range to 14 mm.

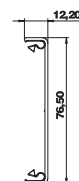
Alu EL



### Aluminium trunking cover

Type	Colour	Surface	Length mm	Pack m	Weight kg/100 m	Item no.
GA-OTEL	—	Anodised	2000	2	38.300	6279723

Aluminium cover, for closing Rapid GA device installation trunking and ISS service poles with a 76.5 mm system opening. The firm position of the cover and electrical contact to the lower part of the trunking and service pole is guaranteed thanks to type RKV3V locking brackets. There are 6 pre-mounted locking brackets included per delivery length (2,000 mm).



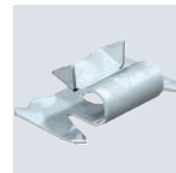
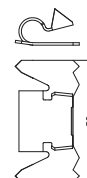
St



### Locking bracket RKV3V

Type	Pack Piece	Weight kg/100 pc.	Item no.
RKV3V	20	0.085	6288700

Locking bracket for the mechanical and electrical connection of trunking covers and trunking bases. Suitable for covers of Rapid 45, Rapid 80 and ISS systems.



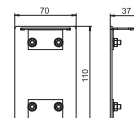
Alu EL



### End piece, for device installation trunking Rapid 80 type GA-70110

Type	Colour	Surface	Pack Piece	Weight kg/100 pc.	Item no.
GA-E70110EL	—	Anodised	1	11.200	6279273
GA-E70110RW	Pure white	—	1	11.200	6279270

End piece for tidy closure of the Rapid 80 GA device installation trunking in aluminium.



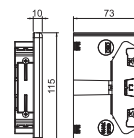
PVC



### End piece, for device installation trunking Rapid 80 type GA-70110

Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
GK-E70110RW	Pure white	1	5.009	6274370

End piece for closing the GK device installation trunking.



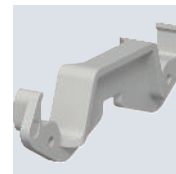
PC/ABS



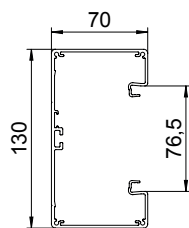
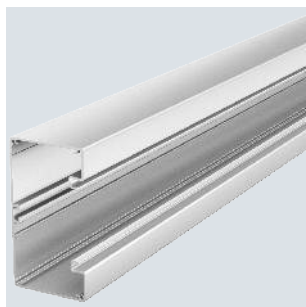
### Duct clamp KL80A

Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
KL80A	Light grey	20	0.685	6288640

Duct clamp for holding cables securely and for fastening the partition in Rapid 80 GK, GS and GA device installation trunking systems as well as in ISS service poles with a 76.5 mm system opening.



## Device installation trunking Rapid 80, trunking width 130, trunking height 70, symmetrical



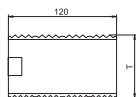
Type	Colour	Surface	Length mm	Pack m	Weight kg/100 m	Item no.
GA-S70130EL	—	Anodised	2000	2	219.700	6279303

Device installation trunking Without base perforation suitable for direct wall mounting or mounting on panels. Over-lengths up to 6,000 mm for trunking bases and covers as well as other RAL colours can be provided on request. The visible surfaces of the device installation trunking are laminated.

**Note:**

For anodised device installation trunking and fittings made from aluminium, light colour differences caused by tolerance based on the material and process conditions, cannot be avoided (according to DIN 17 611). Alternatively, we recommend powder coating in the colour RAL 9006 (white aluminium).

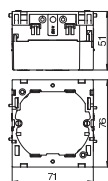
## Coupling GA-KUP70



Type	Length mm	Pack PU	Weight kg/100 PUs	Item no.
GA-KUP70	120	1	5.800	6279701

Joint connector for connecting the bases of Rapid 80 GA aluminium device installation trunking. The scope of delivery of a coupling includes 2 connection plates.

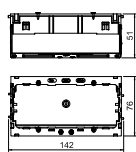
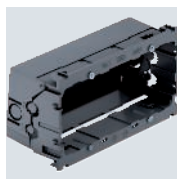
## Accessory mounting box 71GD6, single



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

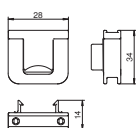


Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
71GD7-2	Iron grey	2	8.200	6288608

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.

## 7ZE strain relief



Type	Pack Piece	Weight kg/100 pc.	Item no.
7ZE	50	0.700	6288790

Strain relief with locking clips, suitable for the accessory mounting boxes 7GD... and 71GD... . Cable clamping range to 14 mm.

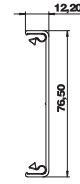
Alu EL



### Aluminium trunking cover

Type	Colour	Surface	Length mm	Pack m	Weight kg/100 m	Item no.
GA-OTEL	—	Anodised	2000	2	38.300	6279723

Aluminium cover, for closing Rapid GA device installation trunking and ISS service poles with a 76.5 mm system opening. The firm position of the cover and electrical contact to the lower part of the trunking and service pole is guaranteed thanks to type RKV3V locking brackets. There are 6 pre-mounted locking brackets included per delivery length (2,000 mm).



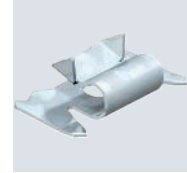
St



### Locking bracket RKV3V

Type	Pack Piece	Weight kg/100 pc.	Item no.
RKV3V	20	0.085	6288700

Locking bracket for the mechanical and electrical connection of trunking covers and trunking bases. Suitable for covers of Rapid 45, Rapid 80 and ISS systems.



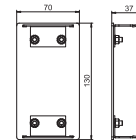
Alu



### End piece, for device installation trunking Rapid 80 type GA-70130

Type	Colour	Surface	Pack Piece	Weight kg/100 pc.	Item no.
GA-E70130RW	Pure white	—	1	11.900	6279370

End piece for tidy closure of the Rapid 80 GA device installation trunking in aluminium.



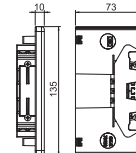
PVC



### End piece, for device installation trunking Rapid 80 type 70130

Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
GK-E70130RW	Pure white	1	5.574	6274570

End piece for closing the GK device installation trunking.



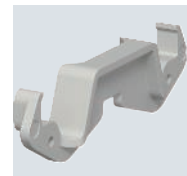
PC/ABS



### Duct clamp KL80A

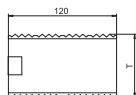
Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
KL80A	Light grey	20	0.685	6288640

Duct clamp for holding cables securely and for fastening the partition in Rapid 80 GK, GS and GA device installation trunking systems as well as in ISS service poles with a 76.5 mm system opening.



## Coupling GA-KUP70

A2

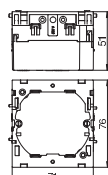


Type	Length mm	Pack PU	Weight kg/100 PUs	Item no.
GA-KUP70	120	1	5.800	6279701

Joint connector for connecting the bases of Rapid 80 GA aluminium device installation trunking. The scope of delivery of a coupling includes 2 connection plates.

## Accessory mounting box 71GD6, single

PA

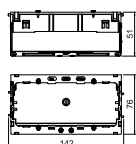
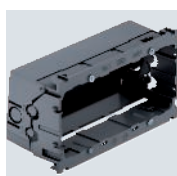


Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
71GD6	Iron grey	5	5.600	6288610

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



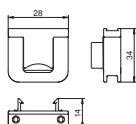
Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
71GD7-2	Iron grey	2	8.200	6288608

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.

## 7ZE strain relief

PA

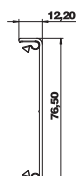


Type	Pack Piece	Weight kg/100 pc.	Item no.
7ZE	50	0.700	6288790

Strain relief with locking clips, suitable for the accessory mounting boxes 7GD... and 71GD...  
Cable clamping range to 14 mm.

## Aluminium trunking cover

Alu EL

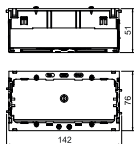
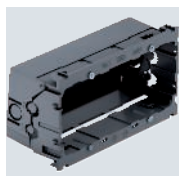


Type	Colour	Surface	Length mm	Pack m	Weight kg/100 m	Item no.
GA-OTEL	—	Anodised	2000	2	38.300	6279723

Aluminium cover, for closing Rapid GA device installation trunking and ISS service poles with a 76.5 mm system opening. The firm position of the cover and electrical contact to the lower part of the trunking and service pole is guaranteed thanks to type RKV3V locking brackets. There are 6 pre-mounted locking brackets included per delivery length (2,000 mm).



### Accessory mounting box 71GD7-2, double

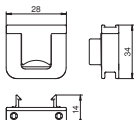


Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
71GD7-2	Iron grey	2	8.200	6288608

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.

### 7ZE strain relief

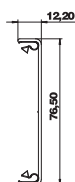


Type	Pack Piece	Weight kg/100 pc.	Item no.
7ZE	50	0.700	6288790

Strain relief with locking clips, suitable for the accessory mounting boxes 7GD... and 71GD... .

Cable clamping range to 14 mm.

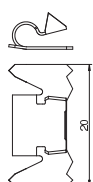
### Aluminium trunking cover



Type	Colour	Surface	Length mm	Pack m	Weight kg/100 m	Item no.
GA-OTEL	-	Anodised	2000	2	38.300	6279723

Aluminium cover, for closing Rapid GA device installation trunking and ISS service poles with a 76.5 mm system opening. The firm position of the cover and electrical contact to the lower part of the trunking and service pole is guaranteed thanks to type RKV3V locking brackets. There are 6 pre-mounted locking brackets included per delivery length (2,000 mm).

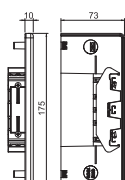
### Locking bracket RKV3V



Type	Pack Piece	Weight kg/100 pc.	Item no.
RKV3V	20	0.085	6288700

Locking bracket for the mechanical and electrical connection of trunking covers and trunking bases. Suitable for covers of Rapid 45, Rapid 80 and ISS systems.

### End piece, for device installation trunking Rapid 80 type 70170



Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
GK-E70170RW	Pure white	1	6.840	6274770

End piece for closing the GK device installation trunking.



# Trunking height 70 and 90 mm, trunking width 170 mm, asymmetrical

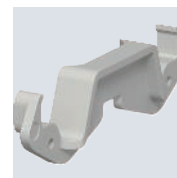
PC/  
ABS



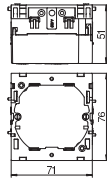
## Duct clamp KL80A

Colour	Pack Piece	Weight kg/100 pc.	Item no.
KL80A Light grey	20	0.685	6288640

Duct clamp for holding cables securely and for fastening the partition in Rapid 80 GK, GS and GA device installation trunking systems as well as in ISS service poles with a 76.5 mm system opening.



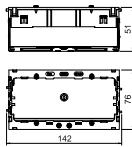
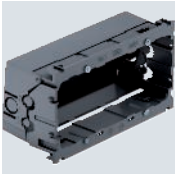
### Accessory mounting box 71GD6, single



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

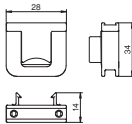


Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
71GD7-2	Iron grey	2	8.200	6288608

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.

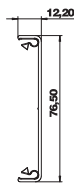
### 7ZE strain relief



Type	Pack Piece	Weight kg/100 pc.	Item no.
7ZE	50	0.700	6288790

Strain relief with locking clips, suitable for the accessory mounting boxes 7GD... and 71GD... . Cable clamping range to 14 mm.

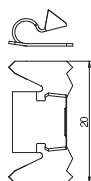
### Aluminium trunking cover



Type	Colour	Surface	Length mm	Pack m	Weight kg/100 m	Item no.
GA-OTEL	-	Anodised	2000	2	38.300	6279723

Aluminium cover, for closing Rapid GA device installation trunking and ISS service poles with a 76.5 mm system opening. The firm position of the cover and electrical contact to the lower part of the trunking and service pole is guaranteed thanks to type RKV3V locking brackets. There are 6 pre-mounted locking brackets included per delivery length (2,000 mm).

### Locking bracket RKV3V



Type	Pack Piece	Weight kg/100 pc.	Item no.
RKV3V	20	0.085	6288700

Locking bracket for the mechanical and electrical connection of trunking covers and trunking bases. Suitable for covers of Rapid 45, Rapid 80 and ISS systems.

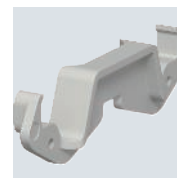
PC/  
ABS



### Duct clamp KL80A

Colour		Pack	Weight	Item no.
Type		Piece	kg/100 pc.	
KL80A	Light grey	20	0.685	<b>6288640</b>

Duct clamp for holding cables securely and for fastening the partition in Rapid 80 GK, GS and GA device installation trunking systems as well as in ISS service poles with a 76.5 mm system opening.





# Accessories, Rapid 80 device installation trunking



Fastening panel, mounting accessories for device installation trunking 134

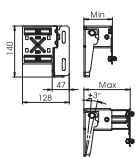


Transparent covers, wall end pieces, sound protection 136



## Fastening panels

St FS  
CE



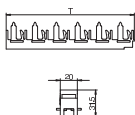
Type	Version	Pack Piece	Weight kg/100 pc.	Item no.
<b>BKN50 80</b>	53-83 mm	1	50.000	<b>6288001</b>

Fastening panel for mounting device installation trunking on skirting board constructions and as a support for the convection grid. The fastening panel can be used for all Rapid 80 device installation trunking systems of type GK, GS and GA. When mounting plastic GK device installation trunking, the matching wall panel adapter is also required. The connection profile is required for mounting double trunking of type GS-D70170 and GS-D90170, as well as for GS trunking with a nominal width of 210 mm.

The mesh slats are simply attached to the slat holder.

## Profile connector, horizontal

PP  
CE



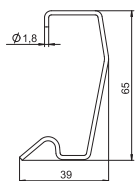
Type	Length mm	Number of profiles	Pack Piece	Weight kg/100 pc.	Item no.
<b>PV N3 50H</b>	50	2	1	0.730	<b>6288100</b>

Horizontal profile connector with guide slits to lock convection grid profiles. The profile connector is mounted on the fastening panel using the clamp, type SP3.

The mesh slats are simply attached to the slat holder.

## Clamp

St FS  
CE



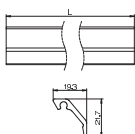
Type	Pack Piece	Weight kg/100 pc.	Item no.
<b>SP3</b>	10	0.260	<b>6279800</b>

Clamp to lock supports between the convection grid and the fixing panel.

Suitable for fixing panels for windowsill thickness 23.5 mm

## Convection grid profile

Alu  
CE

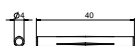


Type	Colour	Surface	Length mm	Pack m	Weight kg/100 m	Item no.
<b>KG2RW 2000</b>	Pure white	—	2000	2	23.100	<b>6287700</b>

Sloping convection grid, for optically attractive closing of spaces between the device installation trunking and the wall. The convection grid profiles are suitable for horizontal and vertical mounting.

## Coupling pin 8VS4

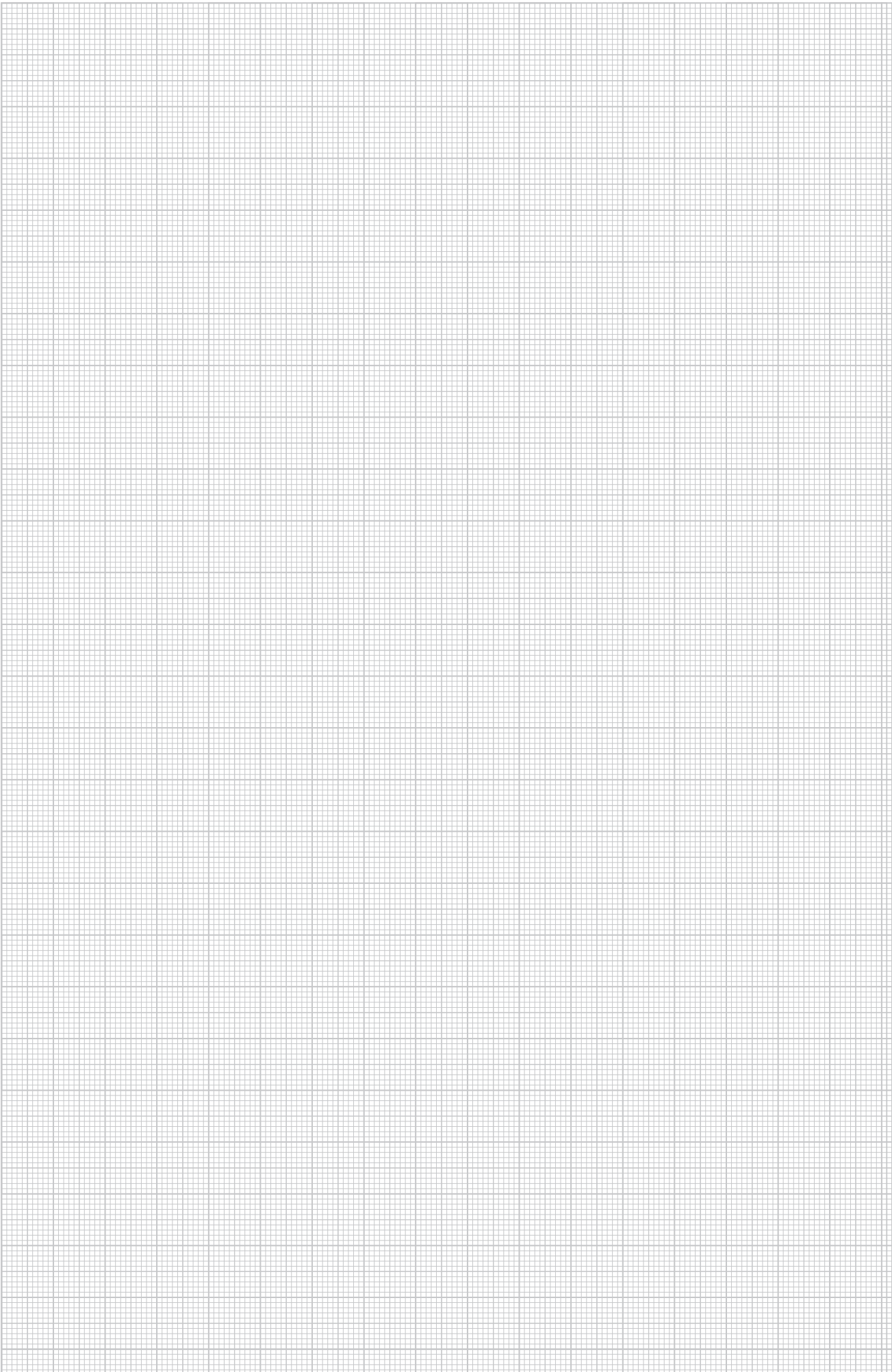
St  
CE



Type	Pack Piece	Weight kg/100 pc.	Item no.
<b>8VS4</b>	100	0.740	<b>6287810</b>

Coupling pin to connect convection grid profiles.

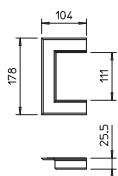




### Wall end piece, open, plastic 70110

ABS/AVA

CE



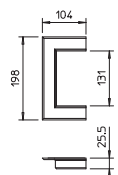
Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
G-KWAO70110RW	Pure white	1	6.300	6274810

Wall cover, open, to close wall penetrations during wall mounting.

### Wall end piece, open, plastic 70130

ABS/AVA

CE

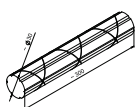


Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
G-KWAO70130RW	Pure white	1	6.500	6274820

Wall cover, open, to close wall penetrations during wall mounting.

### Noise limit barrier 7LSB

CE UK CA



Type	Length mm	Pack Piece	Weight kg/100 pc.	Item no.
7LSB	300	15	3.867	6288650

The noise limit barrier is used to reduce the transmission of airborne noise, e.g. when the trunking system is run through a wall between two offices. The noise limit barrier is made of glass wool, which, when delivered, has a diameter of approx. 30 mm and a length of approx. 300 mm. The material need not be greatly compressed during mounting.

The attenuation is approx. 40 dB.

## Spare parts

### Accessory mounting box CEE, 16 A

PA



Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
CEE16E2	Iron grey	1	34.110	6288612

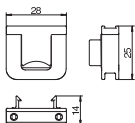
Accessory mounting box, complete, for the installation of a CEE connection device in device installation trunking with 80 mm cover, consisting of:

- Front locking device installation trunking
- CEE connection unit and mounting material
- CEE socket 16 A

### Strain relief, type 2390/Z8

PVC

CE



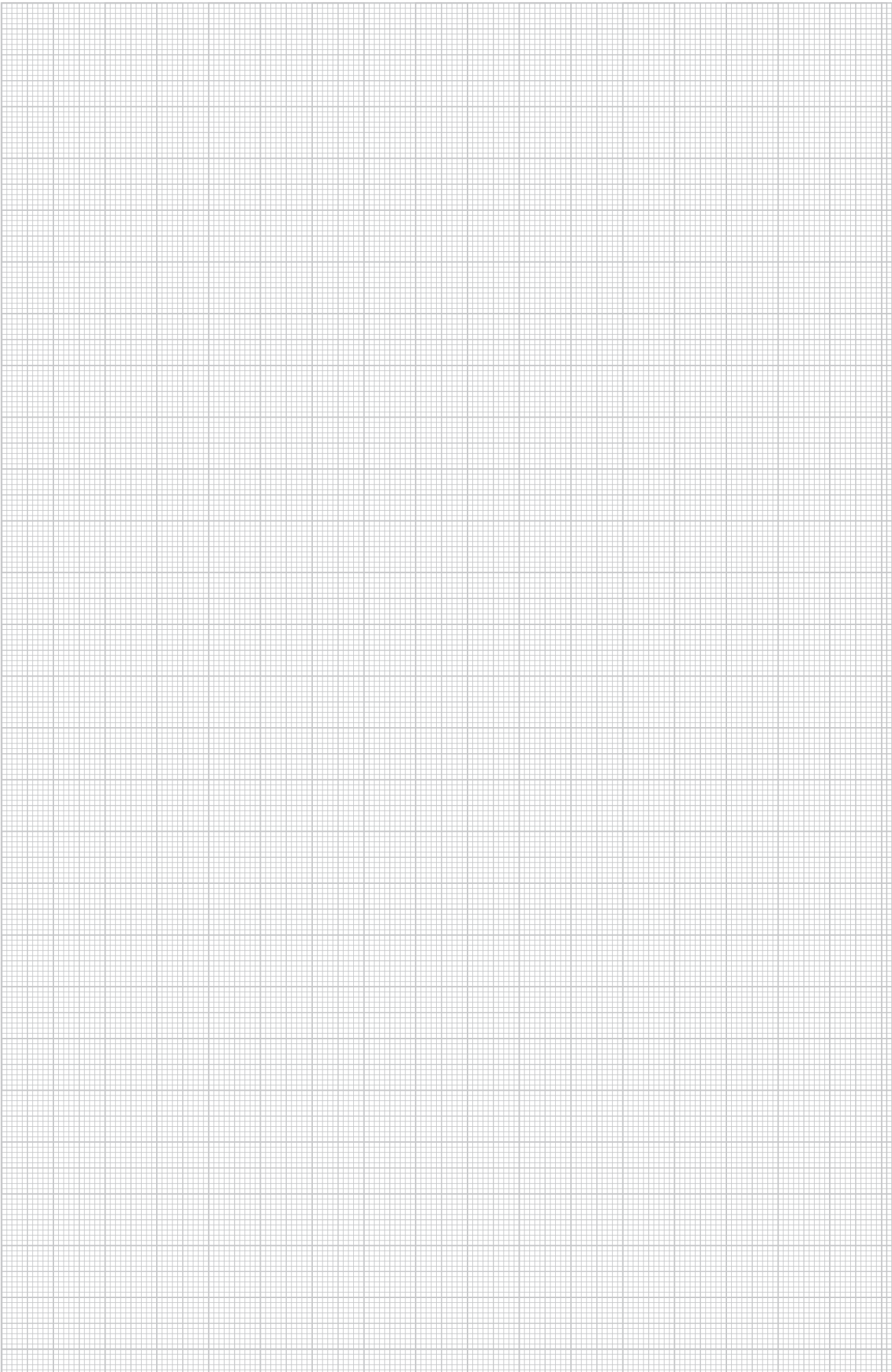
Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
2390/Z8	Stone grey	5	0.500	6270727

Strain relief for extensions to accessory mounting boxes

Strain relief suitable for accessory mounting box 2390/8T...











# Service poles

	Floor-ceiling service poles	140
	Floor service poles	154

# System description



In modern offices, technology must be completely flexible and also aesthetically pleasing. The solution: OBO's service pole systems. They allow free positioning of power supply points near workstations. The location can be changed at any time. This gives both users and architects the greatest possible freedom.

In open-plan offices and administrative buildings, as well as in cash desk areas of shops or in production facilities, they provide more order. ISS service pole systems fulfil all the technical and architectural requirements of modern cable routing and make an active contribution to the interior architecture.

# Selection criteria

## Application

### Floor-ceiling service poles

The poles can be positioned anywhere in the room. The poles are braced against the ceiling using a clamping device to ensure a secure hold. This is concealed by the false ceiling.

### Floor service poles

These poles are mounted directly onto the floor and supplied from below, e.g. through an underfloor system or through cavity/raised floors.



## Requirements

### Number of installation devices

When choosing the correct service pole, it is important to specify the number of switching and connection devices in order to determine the installation space. For example, a 2-compartment service pole, such as the ISS140110, provides a large amount of installation space.



## Design

### Round and oval, square or rectangular

The OBO ISS service pole range offers a solution for any design. The service poles, primarily available in white or aluminium anodised designs, are available on request in all possible RAL shades.



# Mounting aid

## Service poles, sheet steel



### Clamping service poles

The service pole is tensioned between the ceiling and floor at the stand, using a wrench.



### Connection of the service pole in a false ceiling

The connection cables are fed into the service pole through the top opening of the telescopic profile.



### Equipotential bonding of the service pole

The continuous equipotential bonding between the cover and base is made automatically via the locking brackets in the closing contour.

## Service poles with clamping device



### Screwing the service pole to the floor

If the service pole is to be screwed to the floor, then the existing floor panel can be removed and replaced with a larger floor plate. The service pole can now be fastened to the floor using bolts and anchors.



### Mounting of the clamping device

The cover of the service pole is removed and the clamping device screwed on.



### Clamping device features

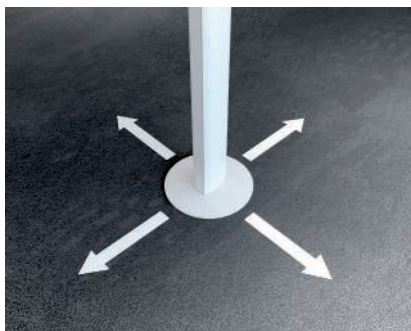
The telescopic clamping device is extended by repeatedly pressing the lever and it clamps the pole between the floor and ceiling. Optionally, the clamping device can also be screwed to the ceiling.

## Service pole with hose to ceiling



### Stable stand

The service poles with a hose to the ceiling are fitted with a large floor plate in order to ensure safe and stable positioning.



### Variable positioning

Poles with hose to the ceiling can be moved at a later point within a radius of approx. 1.5 m.



### Connecting service poles to a Consolidation Point

The service poles are supplied with data and power cables via the false ceiling. A Consolidation Point is a suitable connection point.

## Floor service poles



### Screwing the floor service pole to the floor

The floor service pole is fastened to the floor using bolts and anchors.



### Connecting floor service poles to a raised floor

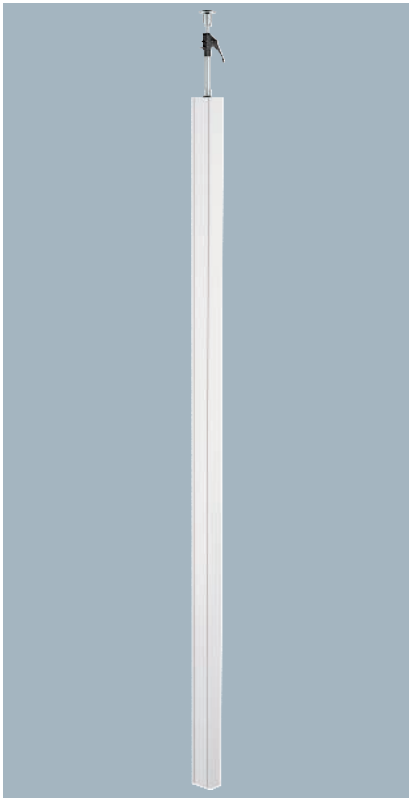
The floor service pole can be supplied with power and data cables via a raised floor. A UVS power supply is a suitable connection point.



### Connecting floor service poles to an underfloor system

The floor service pole can be connected to an underfloor system. Power is fed in through an underfloor box.

Service pole, type ISS70110



Type	Colour	Surface	Length mm	Pack Piece	Weight kg/100 pc.	Item no.
ISS70110RW	Pure white	—	3000	1	750.000	6288940

ISS aluminium service pole with a 76.5 mm system opening.

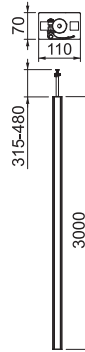
Set consists of:

- 1 single-compartment pole with clamping fastening  
Total length 3,315–3,480 mm
- 1 ceiling fastening with clamping device
- 1 aluminium cover  
Length: 3,000 mm

The service pole is suitable for accepting front-locking accessory mounting boxes of the series 71GD... The installation of a partition of type GA-TW70 (6279711)

and the installation of the cover clip, type KL80A (6288640), are possible as an option.

The service pole is pre-mounted and ready for use immediately. The following accessories can be used, depending on the mounting situation.





Alu EL



Service pole, type ISSRM45

Type	Colour	Surface	Length mm	Pack Piece	Weight kg/100 pc.	Item no.
ISSRM45EL	—	Anodised	3000	1	510.000	6290087
ISSRM45RW	Pure white	—	3000	1	510.000	6290086

ISS aluminium service pole with a 45 mm system opening.

Set consists of:

1 one-compartment pole with clamping fastening

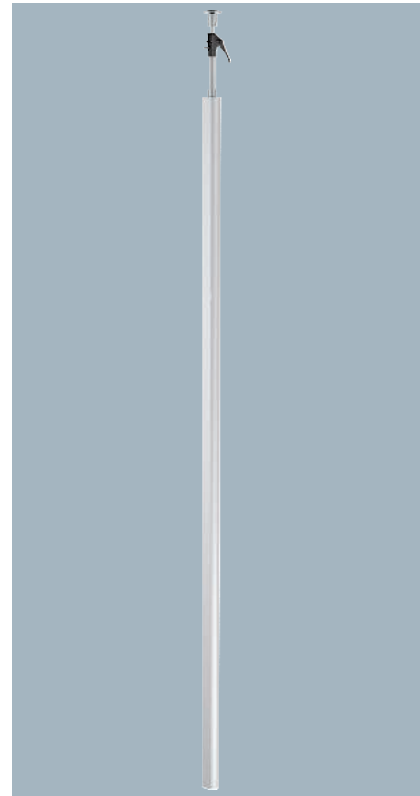
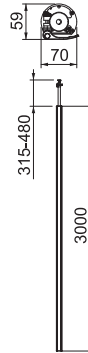
Total length: 3,315 mm–3,480 mm

1 ceiling attachment with clamping device

1 aluminium cover

Length: 3,000 mm

The design of this ISS service pole is based on an extremely slender, round aluminium profile, which has a smooth cover of the Rapid 45 device installation trunking series as its front side. The 45 mm system opening is suitable for direct acceptance of Modul 45® switching and connection devices.



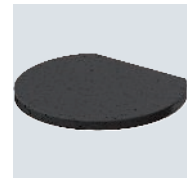
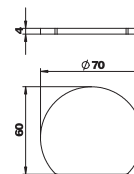
GUM



Rubber support for ISSRM45

Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
ISSRGU	Black	1	1.450	6290178

Rubber support for slip-free fastening of the floor-ceiling service pole ISSRM45.



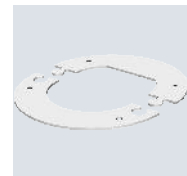
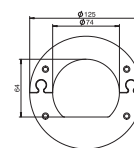
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Ceiling panel for ISSRM45

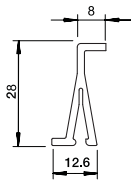
Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
WAGRM45	Pure white	1	12.900	6290264

Closed ceiling rosette for tidy closure of the ceiling gland of the service poles, type ISSRM45.



## Partition for WDK trunking, trunking height 40 mm

PVC



Type	Colour	Length mm	Pack m	Weight kg/100 m	Item no.
2371 40	Light grey	2000	2	13.500	6023096

Partition to divide the WDK trunking, with 40 mm trunking height, and various ISS service poles for the installation of different voltage levels.

Alu EL



Service pole, type ISSRM45F

Type	Colour	Surface	Length mm	Pack Piece	Weight kg/100 pc.	Item no.
ISSRM45FEL	—	Anodised	2300	1	380.000	6290097
ISSRM45FRW	Pure white	—	2300	1	380.000	6290095

ISS aluminium service pole with a flexible hose to the ceiling and a 45 mm system opening.

Set consisting of:

1 one-compartment pole with flexible hose to ceiling

Total length: 2,300 mm

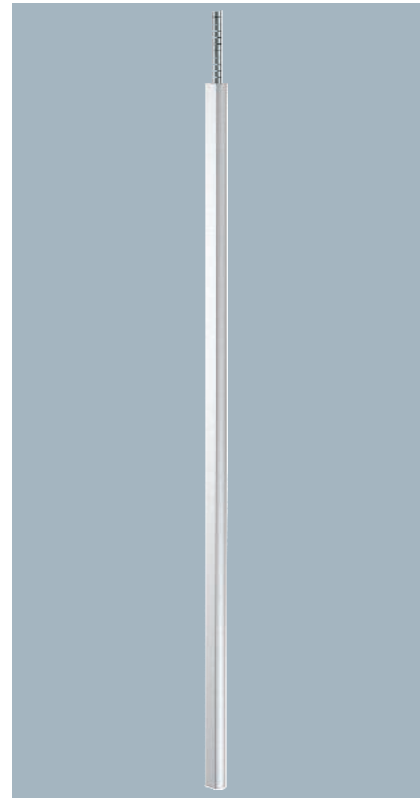
1 flexible hose, length: 1,500 mm

1 aluminium cover

Length: 2,300 mm

The design of this ISS service pole is based on an extremely slender, round aluminium profile, which has a smooth cover of the Rapid 45 device installation trunking series as its front side. The 45 mm system opening is suitable for direct acceptance of Modul 45® switching and connection devices.

The floor plate as a stand, type SFISSF, and the hose connection to the ceiling, type SAISSF, should be ordered separately (see articles below).



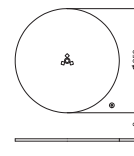
St



Stand

Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
SFISSFAL	White aluminium	1	600.000	6290197
SFISSFRW	Pure white	1	600.000	6290196

Floor plate as stand for service poles with hose to ceiling, type ISS110100F, ISS140100F, ISSRM45F and ISSDM45F.



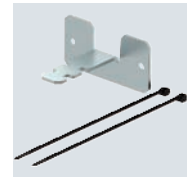
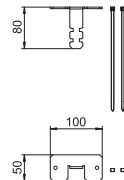
St VZ



Hose connection

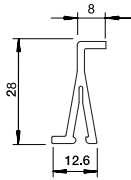
Type	Height mm	Pack Piece	Weight kg/100 pc.	Item no.
SAISSF	80	1	14.000	6290198

Hose connection as ceiling attachment for service poles with hose to ceiling, type ISS110100F, ISS140100F, ISSRM45F and ISSDM45F.



## Partition for WDK trunking, trunking height 40 mm

PVC



Type	Colour	Length mm	Pack m	Weight kg/100 m	Item no.
2371 40	Light grey	2000	2	13.500	6023096

Partition to divide the WDK trunking, with 40 mm trunking height, and various ISS service poles for the installation of different voltage levels.

Alu

CE

Service pole, type ISS110100F

Type	Colour	Surface	Length mm	Pack Piece	Weight kg/100 pc.	Item no.
ISS110100FRW	Pure white	–	2300	1	790.000	6289040

ISS aluminium service pole with a flexible hose to the ceiling.

Set consists of:

1 single-compartment pole with flexible hose to the ceiling

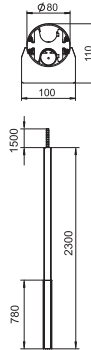
Total length: 2,300 mm

1 flexible hose, length: 1,500 mm

1 equippable aluminium installation compartment

Length: 780 mm

In areas for device installation, the service pole has a 76.5 mm system opening and is suitable for accepting front-locking accessory mounting boxes of the series 71GD... The floor plate as a stand, type SFISSF, and the hose connection to the ceiling, type SAISSF, should be ordered separately (see items below).



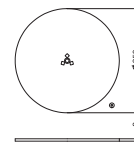
St

CE

Stand

Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
SFISSFAL	White aluminium	1	600.000	6290197
SFISSFWR	Pure white	1	600.000	6290196

Floor plate as stand for service poles with hose to ceiling, type ISS110100F, ISS140100F, ISSRM45F and ISSDM45F.



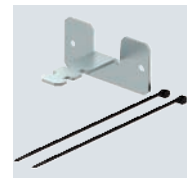
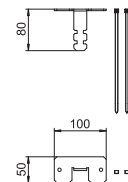
St VZ

CE

Hose connection

Type	Height mm	Pack Piece	Weight kg/100 pc.	Item no.
SAISSF	80	1	14.000	6290198

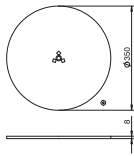
Hose connection as ceiling attachment for service poles with hose to ceiling, type ISS110100F, ISS140100F, ISSRM45F and ISSDM45F.



## Floor-ceiling service poles, aluminium

### Stand

St

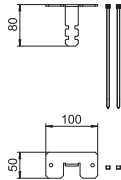
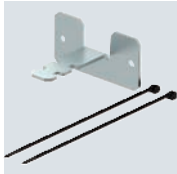


Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
SFISSFAL	White aluminium	1	600.000	6290197
SFISSFRW	Pure white	1	600.000	6290196

Floor plate as stand for service poles with hose to ceiling, type ISS110100F, ISS140100F, ISSRM45F and ISSDM45F.

### Hose connection

St VZ



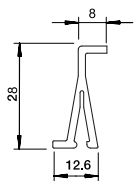
Type	Height mm	Pack Piece	Weight kg/100 pc.	Item no.
SAISSF	80	1	14.000	6290198

Hose connection as ceiling attachment for service poles with hose to ceiling, type ISS110100F, ISS140100F, ISSRM45F and ISSDM45F.

## Floor-ceiling service poles, aluminium

### Partition for WDK trunking, trunking height 40 mm

PVC



Type	Colour	Length mm	Pack m	Weight kg/100 m	Item no.
2371 40	Light grey	2000	2	13.500	6023096

Partition to divide the WDK trunking, with 40 mm trunking height, and various ISS service poles for the installation of different voltage levels.

Alu EL



Service pole, type ISSDM45F

Type	Colour	Surface	Length mm	Pack Piece	Weight kg/100 pc.	Item no.
ISSDM45FEL	—	Anodised	2300	1	871.000	6289976

ISS aluminium service pole with a 45 mm system opening.

Set consists of:

1 two-compartment pole with 2 flexible hoses to the ceiling

Total length of the aluminium profile: 2,300 mm

2 aluminium covers, length: 2,300 mm

The colours are either pure white or anodised. There are two 45 mm system openings on opposite sides for direct installation of Module 45® devices. The floor plate as a stand, type SFISSF, and the hose connection to the ceiling, type SAISSF, should be ordered separately (see articles below).



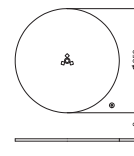
St



Stand

Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
SFISSFAL	White aluminium	1	600.000	6290197
SFISSFWR	Pure white	1	600.000	6290196

Floor plate as stand for service poles with hose to ceiling, type ISS110100F, ISS140100F, ISSRM45F and ISSDM45F.



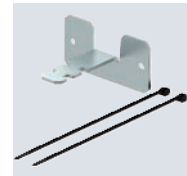
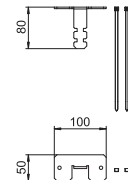
St VZ



Hose connection

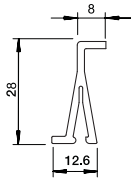
Type	Height mm	Pack Piece	Weight kg/100 pc.	Item no.
SAISSF	80	1	14.000	6290198

Hose connection as ceiling attachment for service poles with hose to ceiling, type ISS110100F, ISS140100F, ISSRM45F and ISSDM45F.



## Partition for WDK trunking, trunking height 40 mm

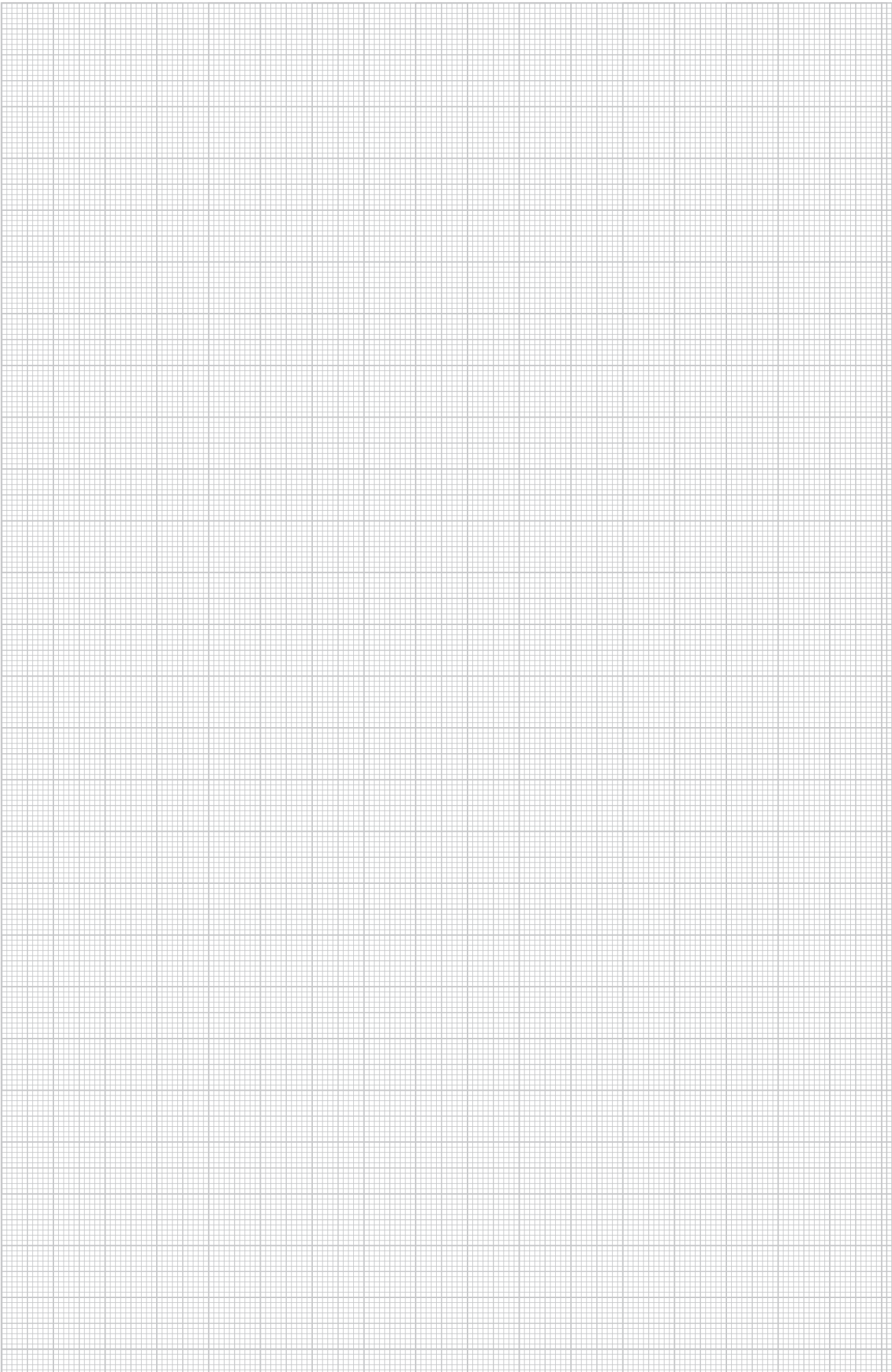
PVC



Type	Colour	Length mm	Pack m	Weight kg/100 m	Item no.
2371 40	Light grey	2000	2	13.500	6023096

Partition to divide the WDK trunking, with 40 mm trunking height, and various ISS service poles for the installation of different voltage levels.





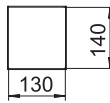
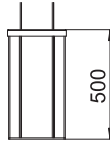
## Service pole, type ISSHS140500

Alu EL



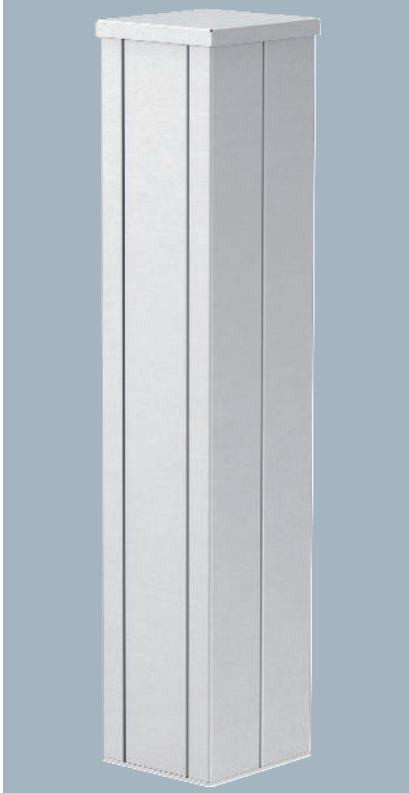
Type	Colour	Surface	Number of compartments pc.	Pack Piece	Weight kg/100 pc.	Item no.
ISSHS140500EL	—	Anodised	2	1	354.800	6290033

ISS aluminium service pole, 2-compartment, with a 76.5 mm system opening. Empty, equippable with standard devices (socket, telephone, etc.) max. 8 devices. Fixing possible directly on floor. Accessory mounting boxes to be ordered separately. The service pole is suitable for accepting front-locking accessory mounting boxes of the series 71GD... The installation of a partition of type GA-TW (6279711) and the installation of the cover clip, type KL80A, are possible as an option.



## Service pole, type ISSHS140700

Alu



Type	Colour	Surface	Number of compartments pc.	Pack Piece	Weight kg/100 pc.	Item no.
ISSHS140700RW	Pure white	—	2	1	466.000	6290040

ISS aluminium service pole, 2-compartment, with a 76.5 mm system opening. Empty, equippable with standard devices (socket, telephone, etc.), max. 10 devices. Direct fastening on floor possible. Accessory mounting boxes to be ordered separately. The service pole is suitable for accepting front locking accessory mounting boxes of the series 71GD.... The installation of a partition of type GA-TW (6279711) and the installation of the cover clip, type KL80A, are possible as an option.



Alu EL

## Service pole, type ISSRHSM45

Type	Colour	Surface	Number of compartments pc.	Pack Piece	Weight kg/100 pc.	Item no.
ISSRHSM45EL	–	Anodised	1	1	135.000	6290091

ISS aluminium service pole with a 45 mm system opening.

Set consisting of:

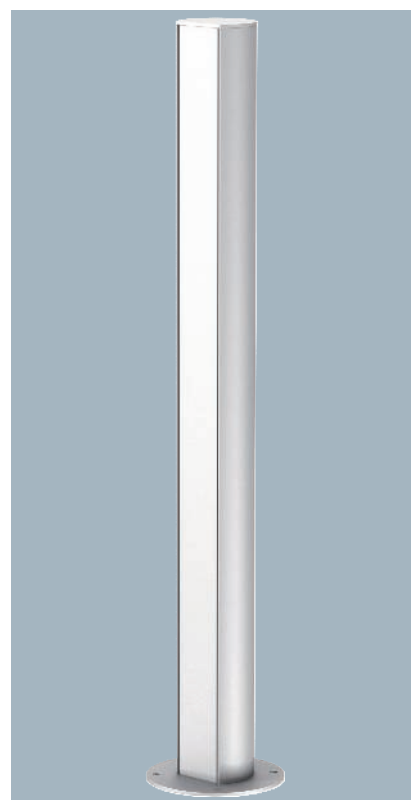
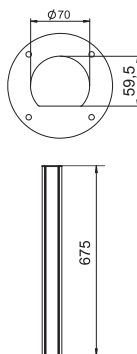
1 one-compartment pole with stand

Total length: 675 mm

1 aluminium cover






Length: 675 mm

The design of this ISS service pole is based on an extremely slender, round aluminium profile, which has a smooth cover of the Rapid 45 device installation trunking series on the front side. The 45 mm system opening is suitable for direct acceptance of Modul 45® switching and connection devices. The installation compartment is theoretically sufficient for 14 Modul 45® devices. If Modul 45connect® is used or in the case of cabling requiring a lot of space, the number of the max. installable devices is reduced. There is the option of installing a partition, type 2371/40 (6023096).





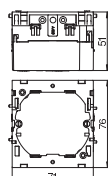
# Devices, Rapid device installation trunking and service poles

	Accessory mounting boxes	158
	Pre-terminated socket units	160
	Modul 45connect®	162
	Socket units, Modul 45®	166
	Data technology support	168



## Accessory mounting box 71GD6, single

PA

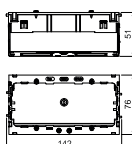
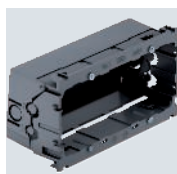


Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
71GD6	Iron grey	5	5,600	6288610

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



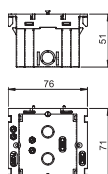
Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
71GD7-2	Iron grey	2	8,200	6288608

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

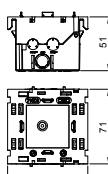
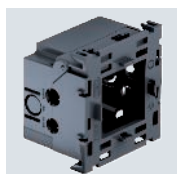


Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
71GD11		1	4,600	6288532

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 71GD8-2, single, for Modul 45®

PA

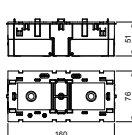
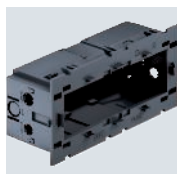


Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
71GD8-2	Iron grey	1	5,900	6288569

Front locking single accessory mounting box for Modul 45® system, with folding, and also removable, base for time-saving cable connection, with feed openings for cable diameters of up to 14 mm.

## Accessory mounting box 71GD9, triple, for Modul 45®

PA



Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
71GD9-2	Iron grey	1	11,600	6288579

Front locking triple accessory mounting box for Modul 45® system, with folding, and also removable, base for time-saving cable connection, with feed openings for cable diameters of up to 14 mm.

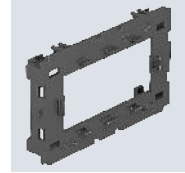
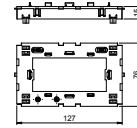


PA

### 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.

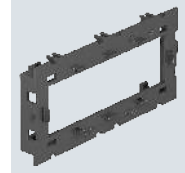
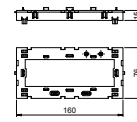


PA

### 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.



## Device installation solutions for standard installation devices

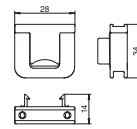
PA



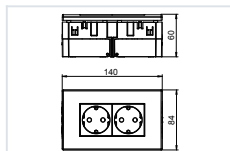
### 7ZE strain relief

Type	Pack Piece	Weight kg/100 pc.	Item no.
7ZE	50	0.700	6288790

Strain relief with locking clips, suitable for the accessory mounting boxes 7GD... and 71GD... . Cable clamping range to 14 mm.



## AR45 socket unit, double



**Type** **SDE-RW D0RW2**

Colour Pure white  
Pack Piece 1  
Weight kg/100 pc. 19.000

**Item no.** **6119407**

**PC** Polycarbonate

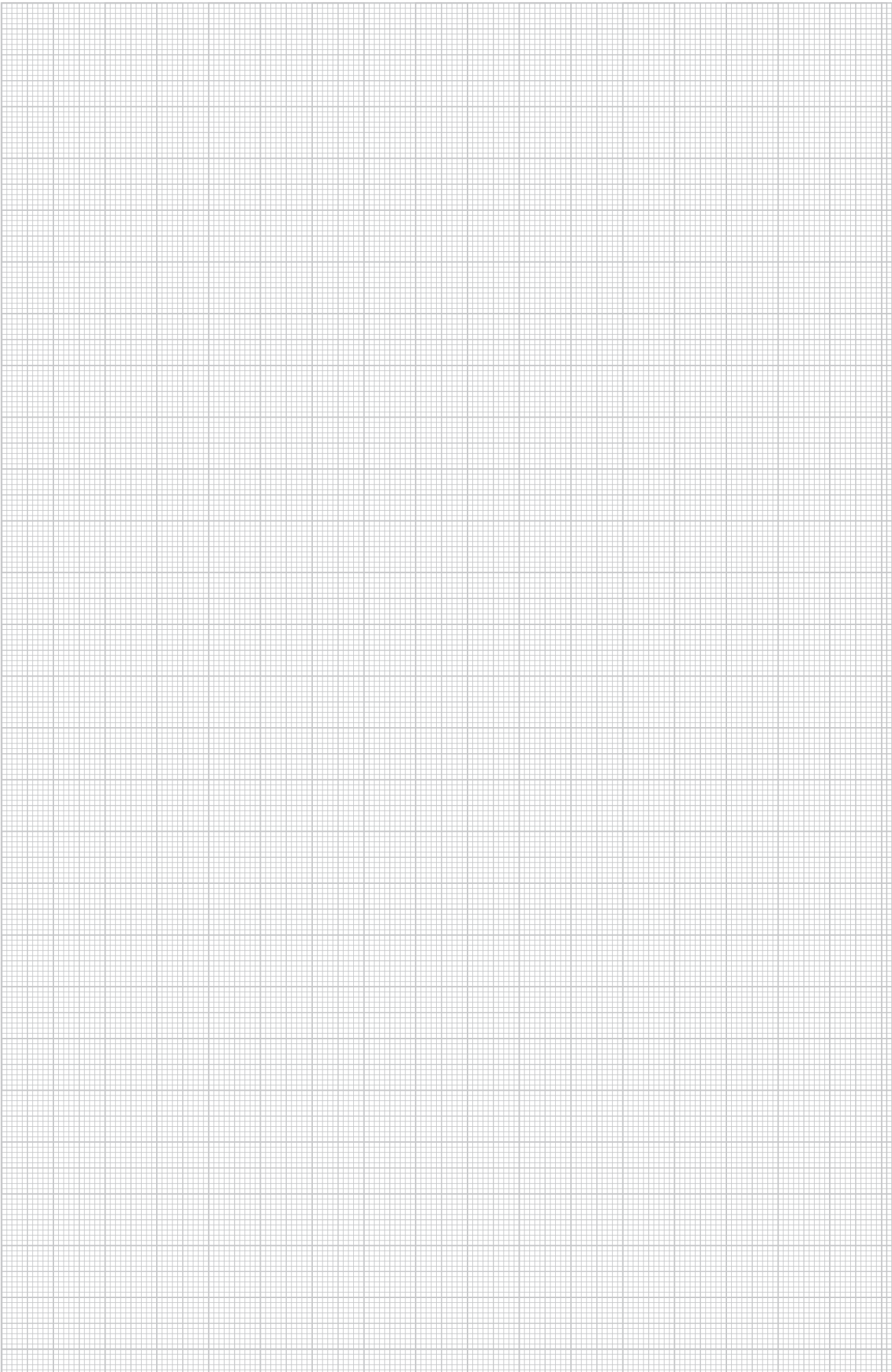
Pre-terminated socket unit without labelling panel, suitable for installation in Rapid 80 device installation trunking systems.

Socket unit, consisting of:

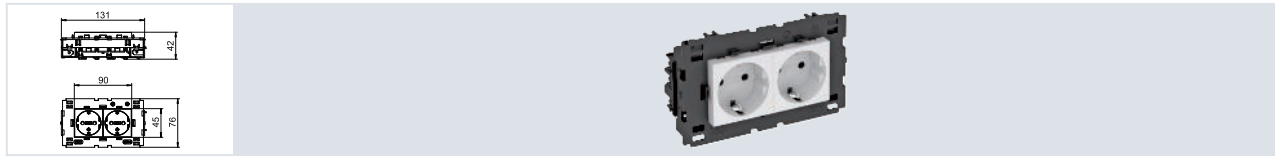
- Service outlet, double, type 71GD13
- Protective contact socket, double, 0° connection direction, colour: see table
- Cover frame AR45, double, without labelling panel, colour: pure white







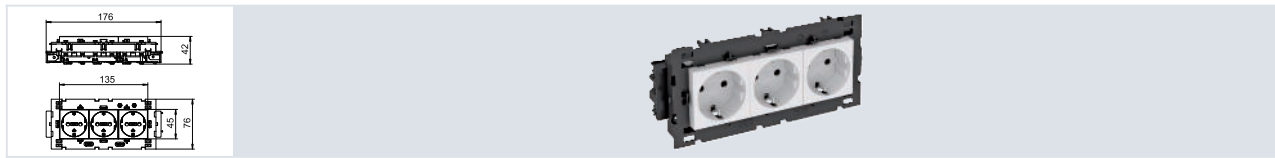
Socket 0°, Connect 80, protective contact, double



<b>Type</b>	<b>STD-D0C8 RW2</b>
Colour	Pure white
Pack Piece	1
Weight kg/100 pc.	13.000
<b>Item no.</b>	<b>6120432</b>
	<b>PC</b> 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



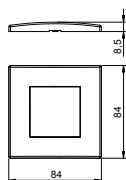
<b>Type</b>	<b>STD-D0C8 RW3</b>
Colour	Pure white
Pack Piece	1
Weight kg/100 pc.	20.000
<b>Item no.</b>	<b>6120452</b>
	<b>PC</b> Polycarbonate

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®, cover frame

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

**PC**



Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
<b>AR45-F1 RW</b>	Pure white	1	2.560	<b>6119322</b>

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.

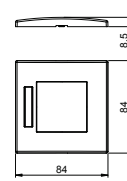


PC

### 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	Blackgrey	1	1.500	6119334

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

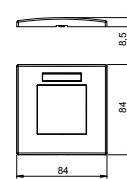


PC

### 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	2.000	6119338

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

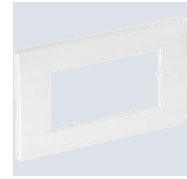
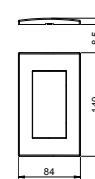


PC

### 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 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.

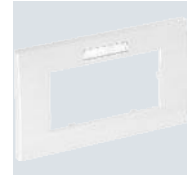
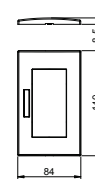


PC

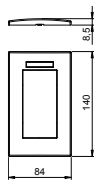
### Cover frame AR45-BF2, for accessory mounting box 71GD13, double, with labelling panel for horizontal device installation

Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
AR45-BF2 RW	Pure white	1	2.260	6119352
AR45-BF2 SWGR	Blackgrey	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.



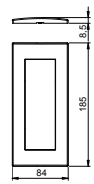
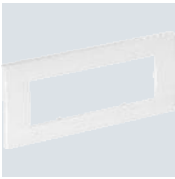
### Cover frame AR45-BSF2, for accessory mounting box 71GD13, double, with labelling panel for vertical device installation



Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
AR45-BSF2 RW	Pure white	1	2.260	6119362

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.

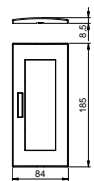
### Cover frame AR45-F3, for accessory mounting box 71GD9-2, triple



Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
AR45-F3 RW	Pure white	1	2.800	6119372

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.

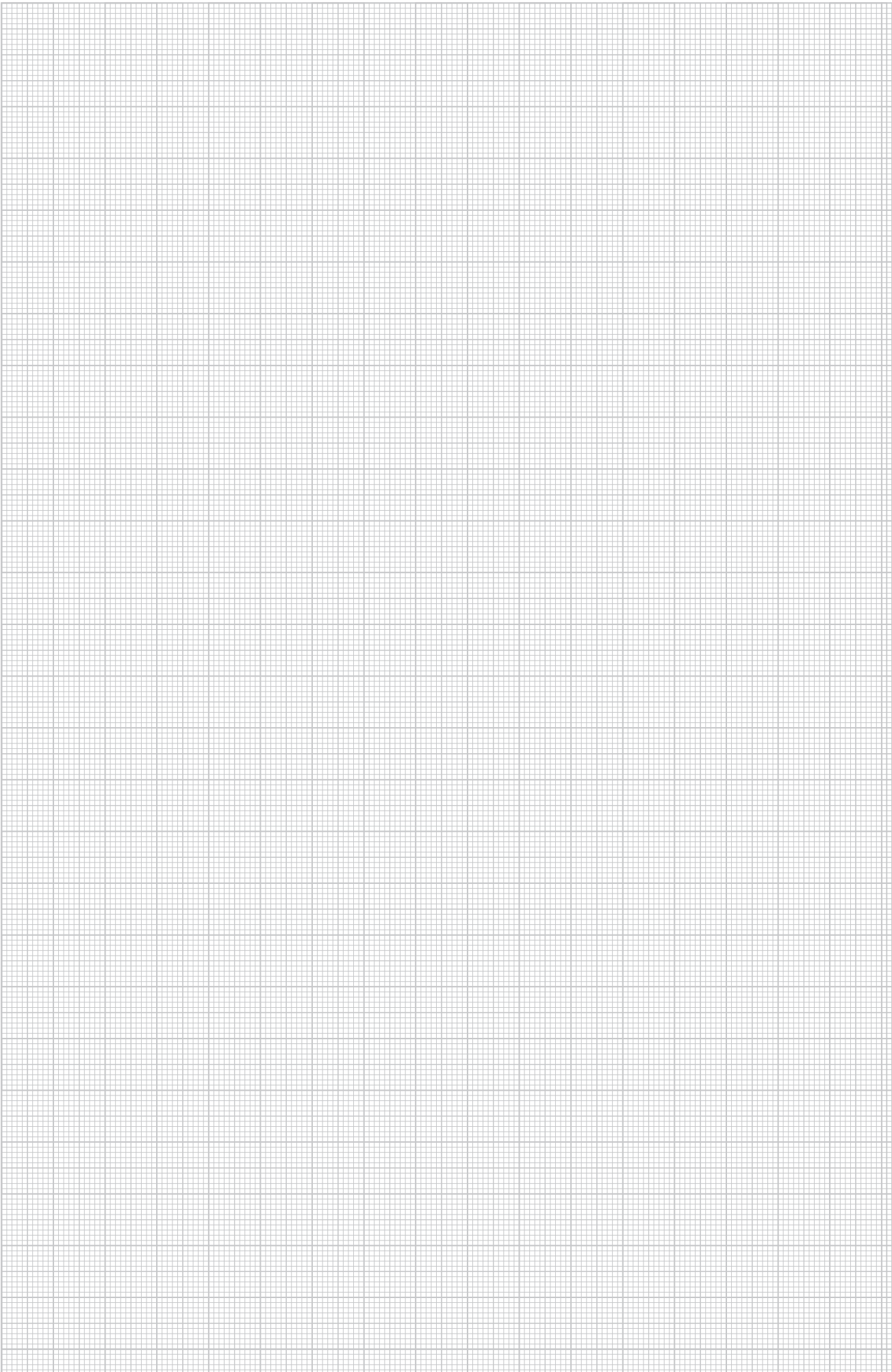
### Cover frame AR45-BF3, for accessory mounting box 71GD9-2, triple, with labelling panel for horizontal device installation



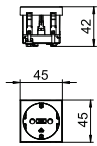

Type	Colour	Pack Piece	Weight kg/100 pc.	Item no.
AR45-BF3 RW	Pure white	1	2.800	6119382

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.



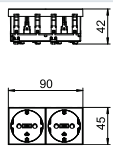



### 0° socket, protective contact, single

	
<b>Type</b>	<b>STD-D0 RW1</b>
Colour	Pure white
Pack Piece	1
Weight kg/100 pc.	4.200
<b>Item no.</b>	<b>6120008</b>
	<b>PC</b> Polycarbonate

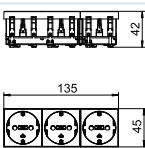


Power socket, single 0°, with increased touch protection with screwless terminals, 2-pin, 16 A, 250 V~, with connection terminals to IEC 60884-1.

### 0° socket, protective contact, double

	
<b>Type</b>	<b>STD-D0 RW2</b>
Colour	Pure white
Pack Piece	1
Weight kg/100 pc.	8.000
<b>Item no.</b>	<b>6120022</b>
	<b>PC</b> Polycarbonate

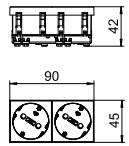
Power socket, double 0°, with increased touch protection with screwless terminals, 2-pin, 16 A, 250 V~, with connection terminals to IEC 60884-1.


### 0° socket, protective contact, triple

		
<b>Type</b>	<b>STD-D0 RW3</b>	<b>STD-D0 SWGR3</b>
Colour	Pure white	Black-grey
Pack Piece	1	1
Weight kg/100 pc.	12.200	12.200
<b>Item no.</b>	<b>6120042</b>	<b>6120050</b>
	<b>PC</b> 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.

### 33° socket, protective contact, double

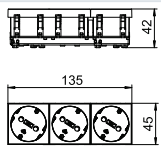





<b>Type</b>	<b>STD-D3S RW2</b>
Colour	Pure white
Pack Piece	1
Weight kg/100 pc.	7.700
<b>Item no.</b>	<b>6120103</b>
	<span style="background-color: #f4a460; padding: 2px;">PC</span> Polycarbonate

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.

### 33° socket, protective contact, triple



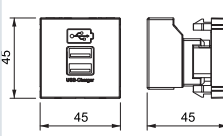





<b>Type</b>	<b>STD-D3S RW3</b>
Colour	Pure white
Pack Piece	1
Weight kg/100 pc.	11.000
<b>Item no.</b>	<b>6120123</b>
	<span style="background-color: #f4a460; padding: 2px;">PC</span> Polycarbonate

Protective contact 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

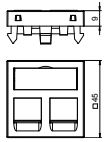




	<b>MTG-2UC2.1 RW1</b>	<b>MTG-2UC2.1 SWGR1</b>	<b>MTG-2UC2.1 AL1</b>
Colour	Pure white	Black-grey	Aluminium-painted
Pack Piece	1	1	1
Weight kg/100 pc.	6.162	5.500	5.500
<b>Item no.</b>	<b>6105300</b>	<b>6105302</b>	<b>6105304</b>
	<span style="background-color: #f4a460; padding: 2px;">PC</span> Polycarbonate		

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.

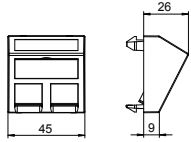

## Data technology support, 1 module, straight outlet, type RM

				
	<b>Type</b> Colour Pack Piece Weight kg/100 pc.	<b>DTG-2RM RW1</b> Pure white 1 1.100	<b>DTG-2RM AL1</b> Aluminium-painted 1 1.100	<b>Item no.</b> <b>6119292</b>
<span style="background-color: #f4a460; padding: 2px;">PC</span> 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

		
	<b>Type</b> Colour Pack Piece Weight kg/100 pc.	<b>DTS-2RM RW1</b> Pure white 1 2.900
<span style="background-color: #f4a460; padding: 2px;">PC</span> Polycarbonate		

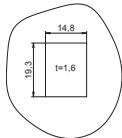
The type RM data technology support is suitable for accepting the following data connection modules: Types ASM-C5, ASM-C5 G, ASM-C6 and ASM-C6 G; R&M: Cat. 5 and Cat. 6 modules without support plate.

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



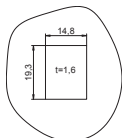
<b>Type</b>	<b>DTG-2C RW1</b>
Colour	Pure white
Pack Piece	1
Weight kg/100 pc.	1.100
<b>Item no.</b>	<b>6119214</b>

**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; 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 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



<b>Type</b>	<b>DTS-2C RW1</b>
Colour	Pure white
Pack Piece	1
Weight kg/100 pc.	1.500
<b>Item no.</b>	<b>6119250</b>

**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; 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 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



<b>Type</b>	<b>DTG-2A RW1</b>
Colour	Pure white
Pack Piece	1
Weight kg/100 pc.	1.100
<b>Item no.</b>	<b>6119202</b>

**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



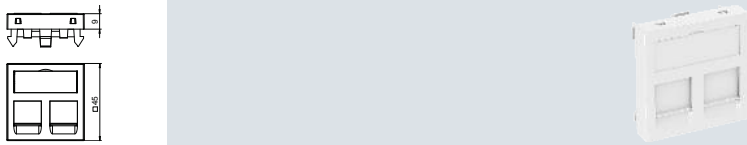
<b>Type</b>	<b>DTS-2A RW1</b>
Colour	Pure white
Pack Piece	1
Weight kg/100 pc.	2.000
<b>Item no.</b>	<b>6119238</b>

**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 F

	
<b>Type</b>	<b>DTG-2F RW1</b>
Colour	Pure white
Pack Piece	1
Weight kg/100 pc.	1.100
<b>Item no.</b>	<b>6119220</b>
<span style="background-color: #f4a460; padding: 2px;">PC</span> 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.

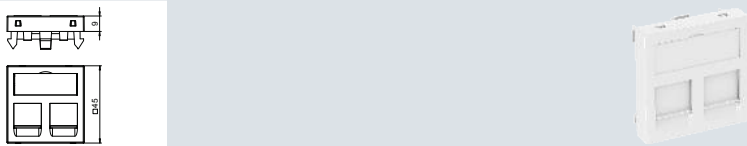
### Data technology support, 1 module, slanting outlet, type F

	
<b>Type</b>	<b>DTS-2F RW1</b>
Colour	Pure white
Pack Piece	1
Weight kg/100 pc.	1.500
<b>Item no.</b>	<b>6119256</b>
<span style="background-color: #f4a460; padding: 2px;">PC</span> 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

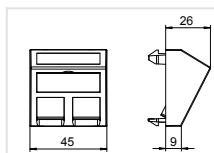
	
<b>Type</b>	<b>DTG-2PA RW1</b>
Colour	Pure white
Pack Piece	1
Weight kg/100 pc.	1.100
<b>Item no.</b>	<b>6119226</b>
<span style="background-color: #f4a460; padding: 2px;">PC</span> Polycarbonate	

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

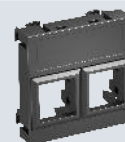
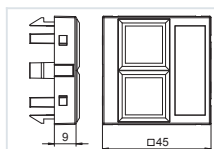


<b>Type</b>	<b>DTS-2PA RW1</b>
Colour	Pure white
Pack Piece	1
Weight kg/100 pc.	1.500
<b>Item no.</b>	<b>6119262</b>
	<b>PC</b> Polycarbonate

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.

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



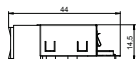
<b>Type</b>	<b>DTG-02LE RW1</b>	<b>DTG-02LE SWGR1</b>
Colour	Pure white	Black-grey
Pack Piece	1	1
Weight kg/100 pc.	0.900	0.900
<b>Item no.</b>	<b>6119304</b>	<b>6119306</b>
	<b>PC</b> Polycarbonate	

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



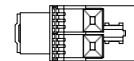
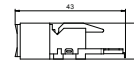
<b>Type</b>	<b>ASM-C5 G</b>	Pack Piece	Weight kg/100 pc.	<b>Item no.</b>
		1	2.660	<b>6117325</b>

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 Piece	Weight kg/100 pc.	Item no.
<b>ASM-C5</b>	1	1.120	<b>6117337</b>

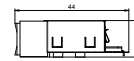


Connection module Cat. 5e unshielded, with an RJ 45 slot. Including a dust cover, a cable tie and mounting instructions. Suitable for installation in data technology supports of type DTG-2RM and DTS-2RM.

## Data technology solution Cat. 6

## RJ45 data connection module, Cat. 6, shielded

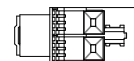
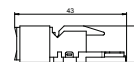
Type	Pack Piece	Weight kg/100 pc.	Item no.
<b>ASM-C6 G</b>	1	1.850	<b>6117329</b>



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.
<b>ASM-C6</b>	1	1.060	<b>6117341</b>



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.

## Connection solutions for data transmission

## USB 2.0/3.0 connection, 1 module, straight outlet, with connection cable

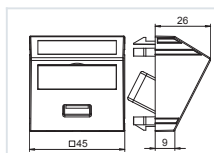


<b>Type</b>	<b>MTG-U3A F RW1</b>
Colour	Pure white
Pack Piece	1
Weight kg/100 pc.	6.000
<b>Item no.</b>	<b>6104922</b>
	<b>PC</b> Polycarbonate

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.



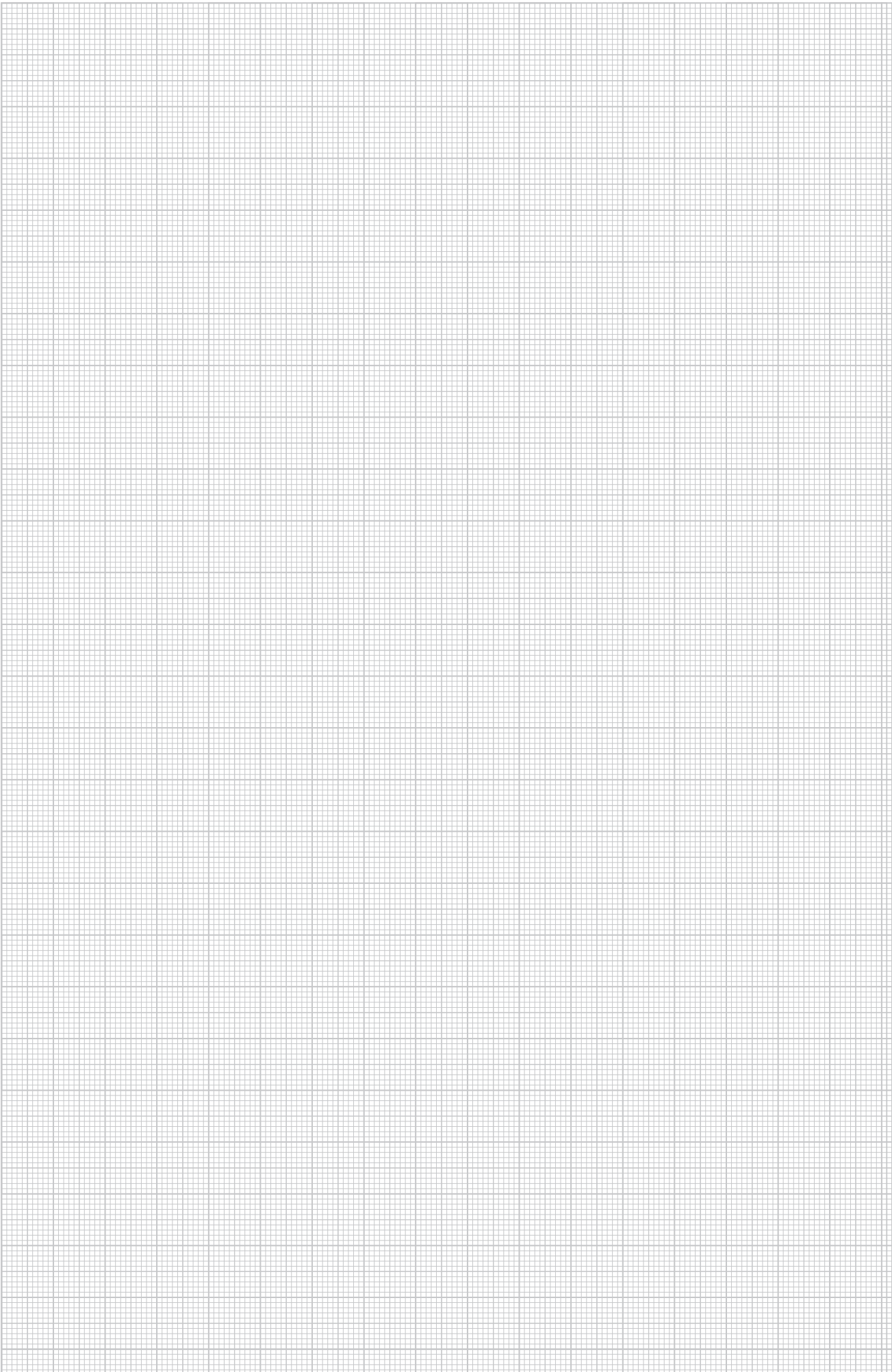
## USB 2.0/3.0 connection, 1 module, slanting outlet, with connection cable



<b>Type</b>	<b>MTS-U3A F RW1</b>
Colour	Pure white
Pack Piece	1
Weight kg/100 pc.	6.200
<b>Item no.</b>	<b>6104934</b>
	<b>PC</b> 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.









# Device installation trunking Signa Base, plastic



Plastic device installation trunking, trunking width 110 mm

178



Plastic device installation trunking, trunking width 130 mm

182



Plastic device installation trunking, trunking width 170 mm

184



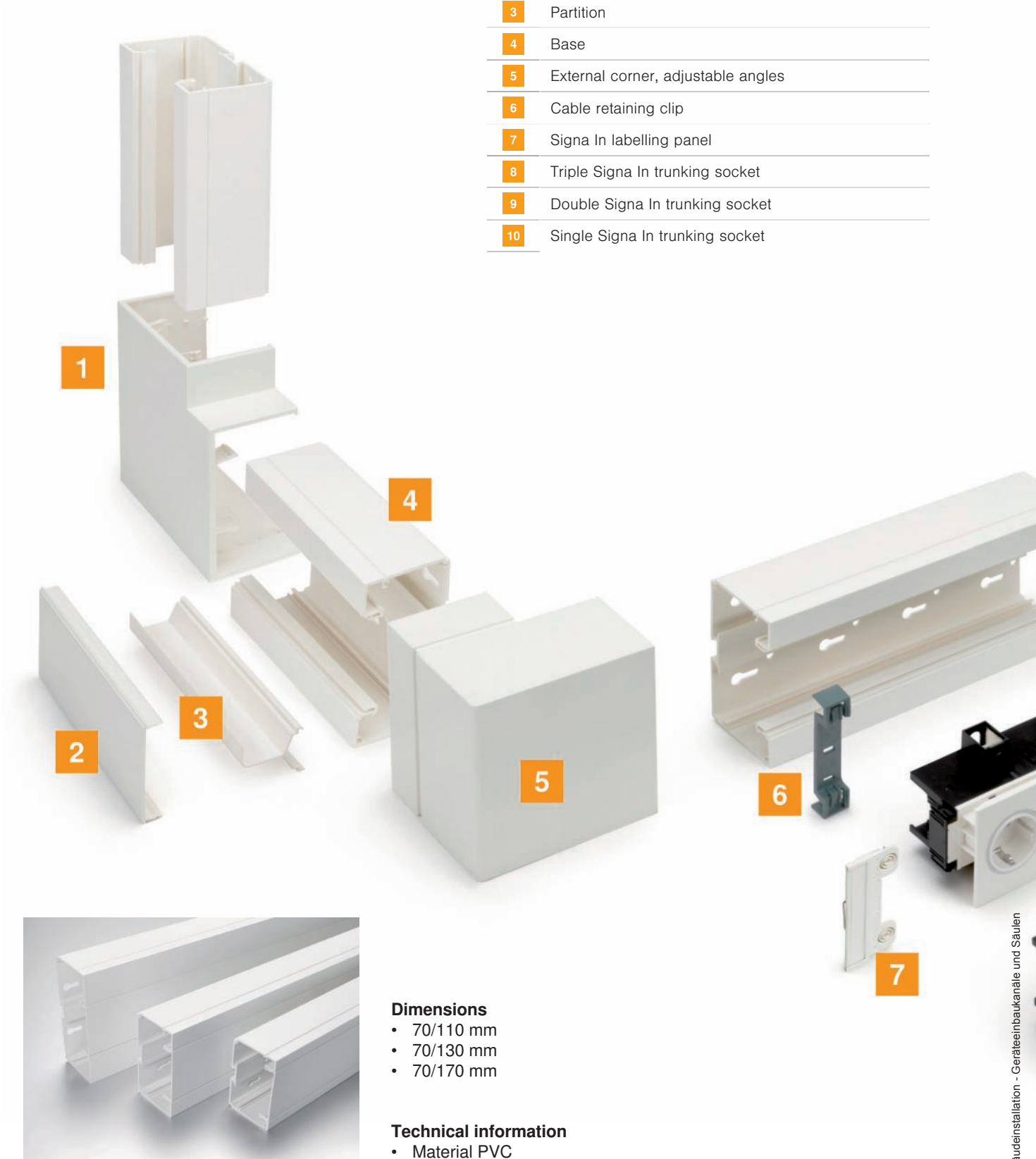
Accessories, device installation trunking Signa Base

186

# Signa Base

## System overview

1	Flat angle
2	Cover
3	Partition
4	Base
5	External corner, adjustable angles
6	Cable retaining clip
7	Signa In labelling panel
8	Triple Signa In trunking socket
9	Double Signa In trunking socket
10	Single Signa In trunking socket



### Dimensions

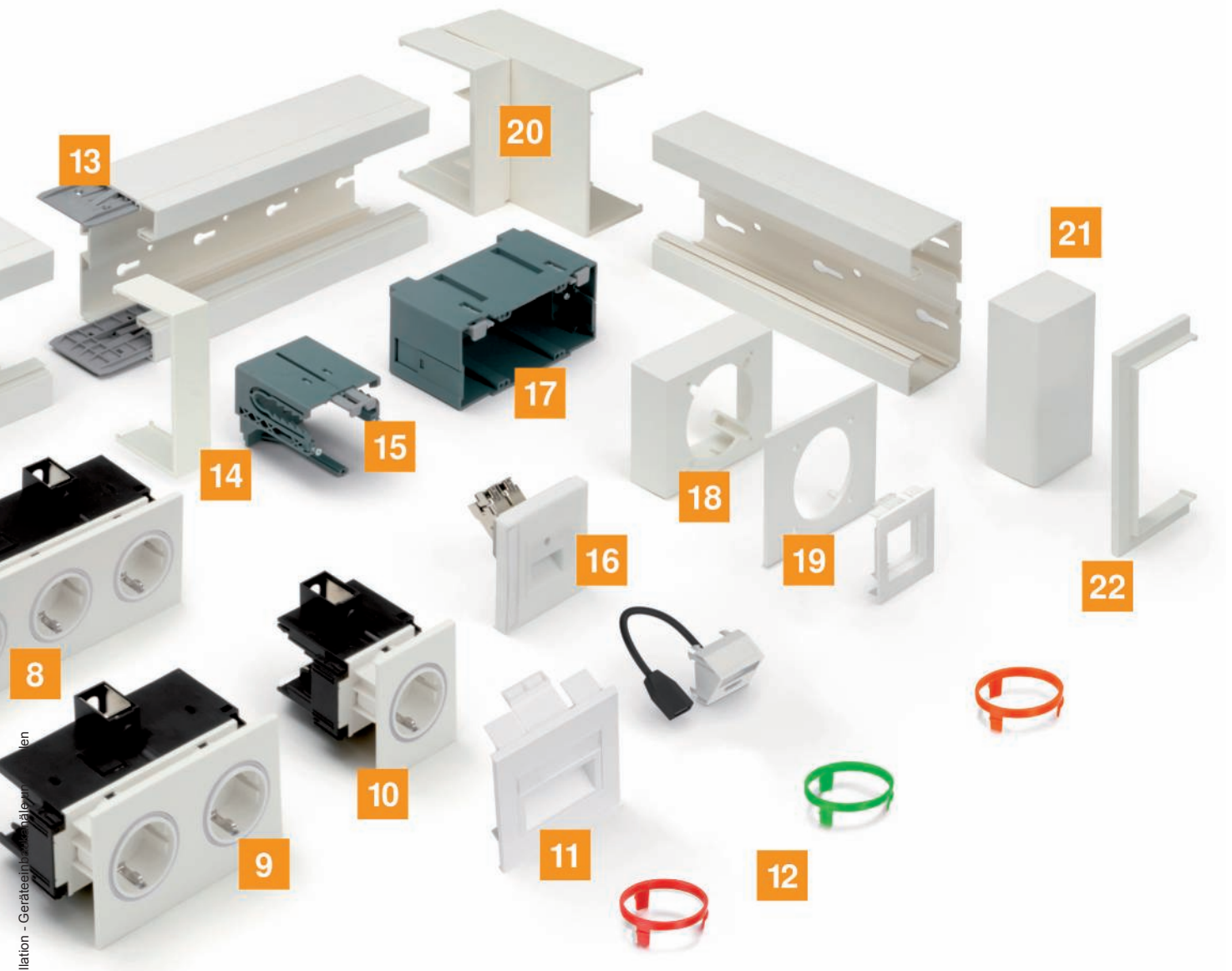
- 70/110 mm
- 70/130 mm
- 70/170 mm

### Technical information

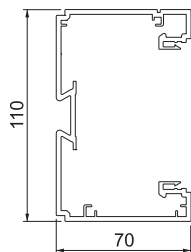
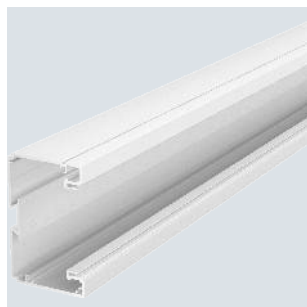
- Material PVC

- 11 Support plate for Keystone modules with single frame Modul 45 locking connection
- 12 Signa In colour rings
- 13 Coupling
- 14 Joint cover
- 15 Accessory mounting box (multifunctional: Remove front corner panels – this creates a data box support)
- 16 Signa In data cover for UAE
- 17 CEE accessory mounting box (multifunctional: Double accessory mounting box for surface products)

- 18 CEE flange (for devices with 70 mm perforation)
- 19 CEE flange (for devices with 60 mm perforation)
- 20 Internal corner, adjustable angles
- 21 End piece
- 22 Wall cover frame



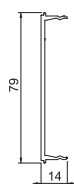
## Device installation trunking Signa Base 70110



Type	Colour	Length mm	Width mm	Height mm	Pack m	Weight kg/100 m	Item no.
<b>BRK 70110 rws</b>	Pure white	2000	110	70	2	117.350	<b>6132722</b>

Trunking base of the Signa Base device installation trunking for covered cable routing and device installation in internal areas. The scope of delivery contains two trunking couplings.

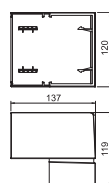
## Cover Signa Base OT 700802



Type	Colour	Length mm	Width mm	Height mm	Pack m	Weight kg/100 m	Item no.
<b>BRK 700802 rws</b>	Pure white	2000	79.4	14	2	24.925	<b>6132736</b>

Cover for closing the Signa Base device installation trunking.

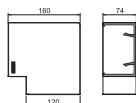
## External corner Signa Base AE 70110



Type	Colour	Length mm	Width mm	Height mm	Pack Piece	Weight kg/100 pc.	Item no.
<b>BRK AE70110 rws</b>	Pure white	119	137	120	1	16.200	<b>6132741</b>

External corner as a fitting for changing the direction of the Signa Base device installation trunking.

## Flat angle Signa Base FW 70110



Type	Colour	Length mm	Width mm	Height mm	Pack Piece	Weight kg/100 pc.	Item no.
<b>BRK FW70110 rws</b>	Pure white	160	160	74	1	16.500	<b>6132763</b>

Flat angle as a fitting for changing the direction of the Signa Base device installation trunking.

## Internal corner Signa Base IE 70110



Type	Colour	Length mm	Width mm	Height mm	Pack Piece	Weight kg/100 pc.	Item no.
<b>BRK IE70110 rws</b>	Pure white	120	120	143	1	13.540	<b>6132751</b>

Internal corner as a fitting for changing the direction of the Signa Base device installation trunking.

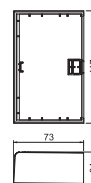
PC/  
ABS



## End piece Sigma Base ES 70110

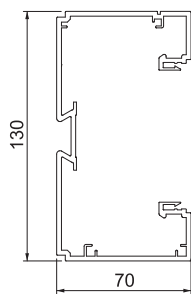
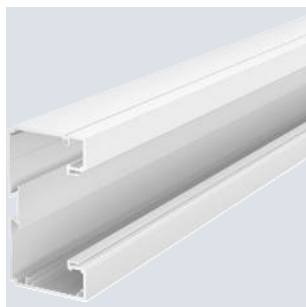
Type	Colour	Length mm	Width mm	Height mm	Pack Piece	Weight kg/100 pc.	Item no.
<b>BRK ES70110 rws</b>	Pure white	34	117	73	1	5.170	<b>6132776</b>

End piece as a fitting for the Sigma Base device installation trunking .



## Device installation trunking Signa Base 70130

PVC

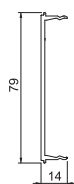


Type	Colour	Length mm	Width mm	Height mm	Pack m	Weight kg/100 m	Item no.
BRK 70130 rws	Pure white	2000	130	70	2	130.350	6132726

Trunking base of the Signa Base device installation trunking for covered cable routing and device installation in internal areas. The scope of delivery contains two trunking couplings.

## Cover Signa Base OT 700802

PVC

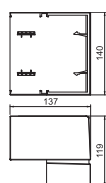


Type	Colour	Length mm	Width mm	Height mm	Pack m	Weight kg/100 m	Item no.
BRK 700802 rws	Pure white	2000	79.4	14	2	24.925	6132736

Cover for closing the Signa Base device installation trunking.

## External corner Signa Base AE 70130

PC/ABS

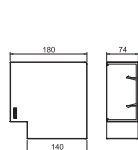


Type	Colour	Length mm	Width mm	Height mm	Pack Piece	Weight kg/100 pc.	Item no.
BRK AE70130 rws	Pure white	119	137	140	1	17.600	6132744

External corner as a fitting for changing the direction of the Signa Base device installation trunking.

## Flat angle Signa Base FW 70130

PC/ABS



Type	Colour	Length mm	Width mm	Height mm	Pack Piece	Weight kg/100 pc.	Item no.
BRK FW70130 rws	Pure white	180	180	74	1	16.500	6132766

Flat angle as a fitting for changing the direction of the Signa Base device installation trunking.

## Internal corner Signa Base IE 70130

PC/ABS



Type	Colour	Length mm	Width mm	Height mm	Pack Piece	Weight kg/100 pc.	Item no.
BRK IE70130 rws	Pure white	120	143	140	1	16.250	6132753

Internal corner as a fitting for changing the direction of the Signa Base device installation trunking.

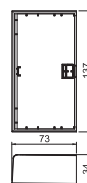
PC/  
ABS



### End piece Sigma Base ES 70130

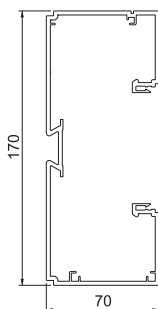
Type	Colour	Length mm	Width mm	Height mm	Pack Piece	Weight kg/100 pc.	Item no.
<b>BRK ES70130 rws</b>	Pure white	34	137	73	1	5.680	<b>6132778</b>

End piece as a fitting for the Sigma Base device installation trunking.



## Device installation trunking Signa Base 70170

PVC

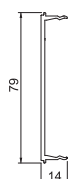


Type	Colour	Length mm	Width mm	Height mm	Pack m	Weight kg/100 m	Item no.
<b>BRK 70170 rws</b>	Pure white	2000	170	70	2	156.350	<b>6132731</b>

Trunking base of the Signa Base device installation trunking for covered cable routing and device installation in internal areas. The scope of delivery contains two trunking couplings.

## Cover Signa Base OT 700802

PVC



Type	Colour	Length mm	Width mm	Height mm	Pack m	Weight kg/100 m	Item no.
<b>BRK 700802 rws</b>	Pure white	2000	79.4	14	2	24.925	<b>6132736</b>

Cover for closing the Signa Base device installation trunking.

## External corner Signa Base AE 70170

PC/ABS

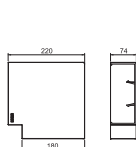


Type	Colour	Length mm	Width mm	Height mm	Pack Piece	Weight kg/100 pc.	Item no.
<b>BRK AE70170 rws</b>	Pure white	118	137	180	1	21.820	<b>6132748</b>

External corner as a fitting for changing the direction of the Signa Base device installation trunking.

## Flat angle Signa Base FW 70170

PC/ABS

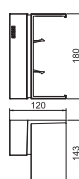


Type	Colour	Length mm	Width mm	Height mm	Pack Piece	Weight kg/100 pc.	Item no.
<b>BRK FW70170 rws</b>	Pure white	220	220	74	1	25.790	<b>6132770</b>

Flat angle as a fitting for changing the direction of the Signa Base device installation trunking.

## Internal corner Signa Base IE 70170

PC/ABS



Type	Colour	Length mm	Width mm	Height mm	Pack Piece	Weight kg/100 pc.	Item no.
<b>BRK IE70170 rws</b>	Pure white	120	143	180	1	17.870	<b>6132756</b>

Internal corner as a fitting for changing the direction of the Signa Base device installation trunking.



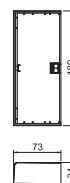
PC/  
ABS



### End piece Signa Base ES 70170

Type	Colour	Length mm	Width mm	Height mm	Pack Piece	Weight kg/100 pc.	Item no.
<b>BRK ES70170 rws</b>	Pure white	34	180	73	1	6.280	<b>6132781</b>

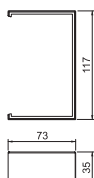
End piece as a fitting for the Signa Base device installation trunking.



## Joint cover

### Joint cover Signa Base SSA 70110

PC/  
ABS

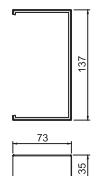


Type	Colour	Length mm	Width mm	Height mm	Pack Piece	Weight kg/100 pc.	Item no.
BRK SSA70110 rws	Pure white	35	117	73	1	2.670	6132788

Joint cover to connect the Signa Base device installation trunking.

### Joint cover Signa Base SSA 70130

PC/  
ABS

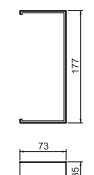


Type	Colour	Length mm	Width mm	Height mm	Pack Piece	Weight kg/100 pc.	Item no.
BRK SSA70130 rws	Pure white	35	137	73	1	2.850	6132791

Joint cover to connect the Signa Base device installation trunking.

### Joint cover Signa Base SSA 70170

PC/  
ABS



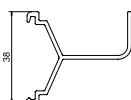
Type	Colour	Length mm	Width mm	Height mm	Pack Piece	Weight kg/100 pc.	Item no.
BRK SSA70170 rws	Pure white	35	177	73	1	3.460	6132795

Joint cover to connect the Signa Base device installation trunking.

## SIGNA partition

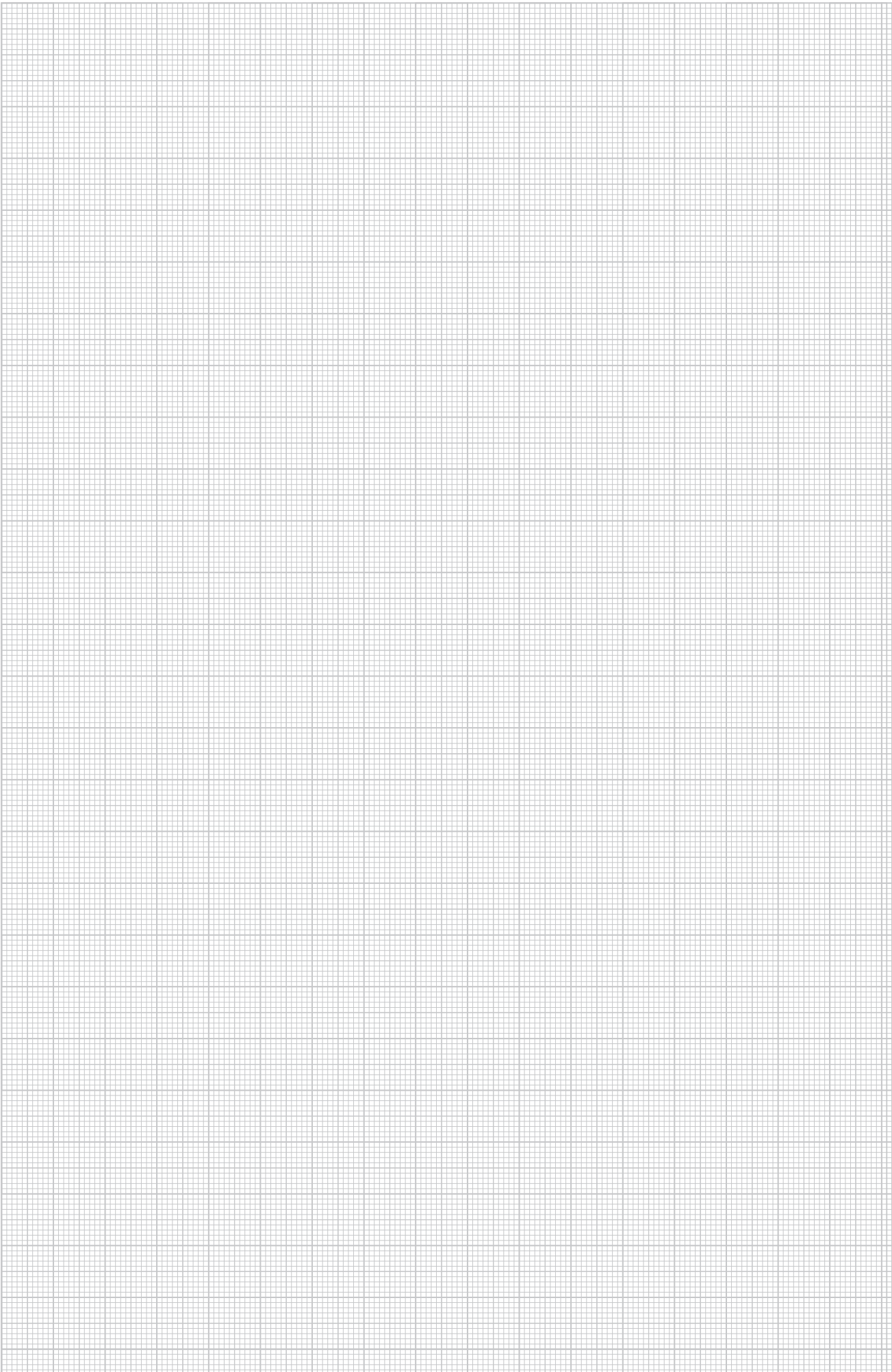
### Partition BRK TW

PVC



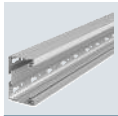
Type	Colour	Length mm	Width mm	Height mm	Pack m	Weight kg/100 m	Item no.
BRK TW	Pure white	2000	39	45	2	21.400	6133610

Partition for trunking system. For mounting on a 35 mm DIN rail.





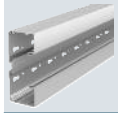
# Device installation trunking Signa Style, aluminium



Aluminium device installation trunking, trunking width 110 mm 190



Aluminium device installation trunking, trunking width 130 mm 194



Aluminium device installation trunking, trunking width 170 mm 198

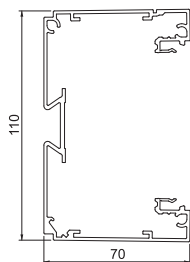
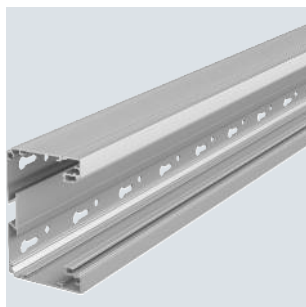


Accessories, Signa Style 202



# Trunking height 70 mm, trunking width 110 mm

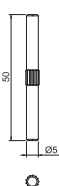
## Device installation trunking, Signa Style, trunking width 110, trunking height 70



Type	Surface	Length mm	Pack m	Weight kg/100 m	Item no.
<b>BRA 70110 EL</b>	Anodised	2000	2	208.800	<b>6133260</b>

Signa Style device installation trunking for covered cable routing in internal areas.

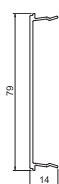
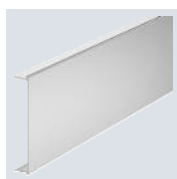
## Coupling pin



Type	Length mm	Width mm	Height mm	Pack Piece	Weight kg/100 pc.	Item no.
<b>BRA KS</b>	50	5	5	100	0.500	<b>6133621</b>

Coupling pins for direct connection of trunking bases. Suitable for the trunking systems Signa Style, Compact Data and Profila Data.

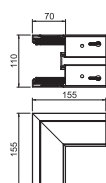
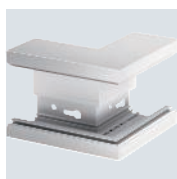
## Cover BRA OT 80



Type	Length mm	Width mm	Height mm	Pack m	Weight kg/100 m	Item no.
<b>BRA OT 80 EL</b>	2000	79	14	2	39.500	<b>6133267</b>

Cover for closing the Signa Style device installation trunking.

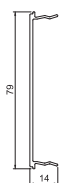
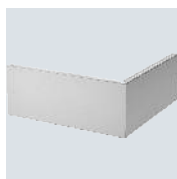
## External corner BRA AE 70110



Type	Surface	Length mm	Pack Piece	Weight kg/100 pc.	Item no.
<b>BRA AE70110 EL</b>	Anodised	155	1	53.000	<b>6133271</b>

External corner as a fitting for changing the direction of the Signa Style device installation trunking.

## Cover BRA OT AE 80



Type	Surface	Length mm	Pack Piece	Weight kg/100 pc.	Item no.
<b>BRA OT 80 AE EL</b>	Anodised	200	1	15.500	<b>6133266</b>

Cover for closing the external corner of the Signa Style device installation trunking.

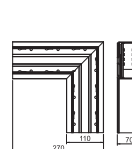
Alu EL



### Flat angle BRA FW 70110, falling

Type	Surface	Length mm	Pack Piece	Weight kg/100 pc.	Item no.
<b>BRA FWF70110 EL</b>	Anodised	270	1	88.500	<b>6133286</b>

Flat angle, falling, as a fitting for changing the direction of the Signa Style device installation trunking.



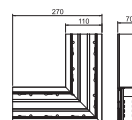
Alu EL



### Flat angle BRA FW 70110, rising

Type	Surface	Length mm	Pack Piece	Weight kg/100 pc.	Item no.
<b>BRA FWS70110 EL</b>	Anodised	270	1	88.900	<b>6133281</b>

Flat angle, rising, as a fitting for changing the direction of the Signa Style device installation trunking.



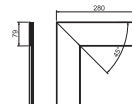
Alu EL



### Cover BRA OT FW 80

Type	Surface	Length mm	Pack Piece	Weight kg/100 pc.	Item no.
<b>BRA OT 80 FW EL</b>	Anodised	280	1	18.900	<b>6133268</b>

Cover for closing the flat angle of the Signa Style device installation trunking.



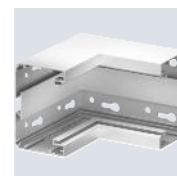
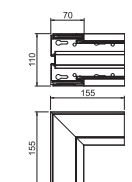
Alu EL



### Internal corner BRA IE 70110

Type	Surface	Length mm	Pack Piece	Weight kg/100 pc.	Item no.
<b>BRA IE70110 EL</b>	Anodised	155	1	56.800	<b>6133276</b>

Internal corner as a fitting for changing the direction of the Signa Style device installation trunking.



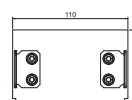
Alu EL



### End piece BRA ES 70110

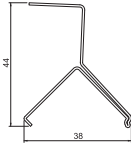
Type	Surface	Pack Piece	Weight kg/100 pc.	Item no.
<b>BRA ES70110 EL</b>	Anodised	1	9.300	<b>6133291</b>

End piece as a fitting for the Signa Style device installation trunking.



**Partition BRA TW, steel**

St FS

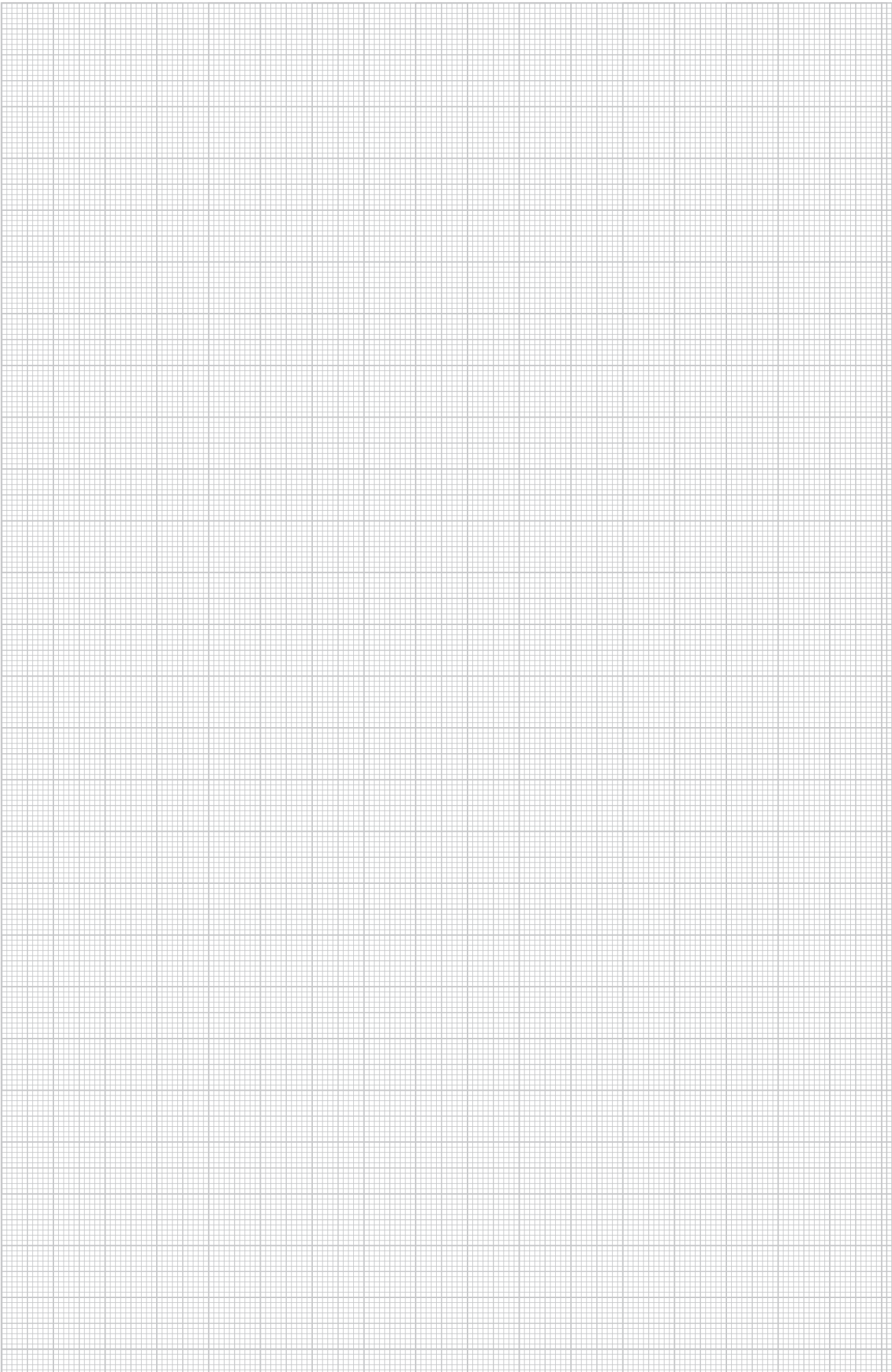


Type	Surface	Length mm	Pack m	Weight kg/100 m	Item no.
<b>BRA TW Stahl</b>	Strip galvanised	1000	30	65.100	<b>6133178</b>

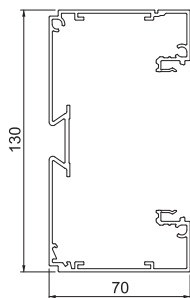
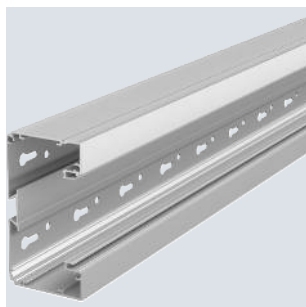
Partition for the SIGNA Style device installation trunking. For dividing the trunking system into 2 equally sized chambers.







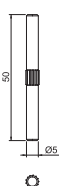
Device installation trunking, Signa Style, trunking width 130, trunking height 70



Type	Surface	Length mm	Pack m	Weight kg/100 m	Item no.
BRA 70130 EL	Anodised	2000	2	232.000	6133261

Signa Style device installation trunking for covered cable routing in internal areas.

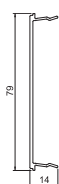
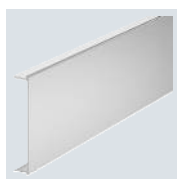
Coupling pin



Type	Length mm	Width mm	Height mm	Pack Piece	Weight kg/100 pc.	Item no.
BRA KS	50	5	5	100	0.500	6133261

Coupling pins for direct connection of trunking bases. Suitable for the trunking systems Signa Style, Compact Data and Profila Data.

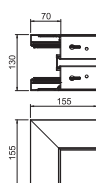
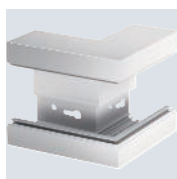
Cover BRA OT 80



Type	Length mm	Width mm	Height mm	Pack Piece	Weight kg/100 pc.	Item no.
BRA OT 80 EL	2000	79	14	2	39.500	6133267

Cover for closing the Signa Style device installation trunking.

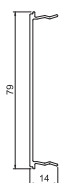
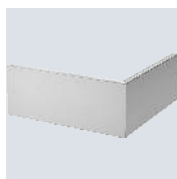
External corner BRA AE 70130



Type	Surface	Length mm	Pack Piece	Weight kg/100 pc.	Item no.
BRA AE70130 EL	Anodised	155	1	58.600	6133272

External corner as a fitting for changing the direction of the Signa Style device installation trunking.

Cover BRA OT AE 80



Type	Surface	Length mm	Pack Piece	Weight kg/100 pc.	Item no.
BRA OT 80 AE EL	Anodised	200	1	15.500	6133266

Cover for closing the external corner of the Signa Style device installation trunking.

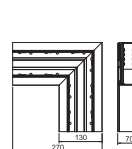
Alu EL



### Flat angle BRA FW 70130, falling

Type	Surface	Length mm	Pack Piece	Weight kg/100 pc.	Item no.
BRA FWF70130 EL	Anodised	270	1	94.600	6133287

Flat angle, falling, as a fitting for changing the direction of the Signa Style device installation trunking.



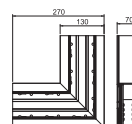
Alu EL



### Flat angle BRA FW 70130, rising

Type	Surface	Length mm	Pack Piece	Weight kg/100 pc.	Item no.
BRA FWS70130 EL	Anodised	270	1	95.200	6133282

Flat angle, rising, as a fitting for changing the direction of the Signa Style device installation trunking.



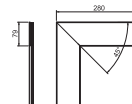
Alu EL



### Cover BRA OT FW 80

Type	Surface	Length mm	Pack Piece	Weight kg/100 pc.	Item no.
BRA OT 80 FW EL	Anodised	280	1	18.900	6133268

Cover for closing the flat angle of the Signa Style device installation trunking.



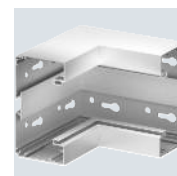
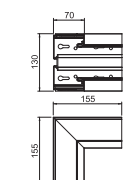
Alu EL



### Internal corner BRA IE 70130

Type	Surface	Length mm	Pack Piece	Weight kg/100 pc.	Item no.
BRA IE70130 EL	Anodised	155	1	62.700	6133277

Internal corner as a fitting for changing the direction of the Signa Style device installation trunking.



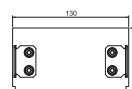
Alu EL



### End piece BRA ES 70130

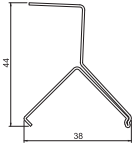
Type	Surface	Pack Piece	Weight kg/100 pc.	Item no.
BRA ES70130 EL	Anodised	1	10.000	6133292

End piece as a fitting for the Signa Style device installation trunking.



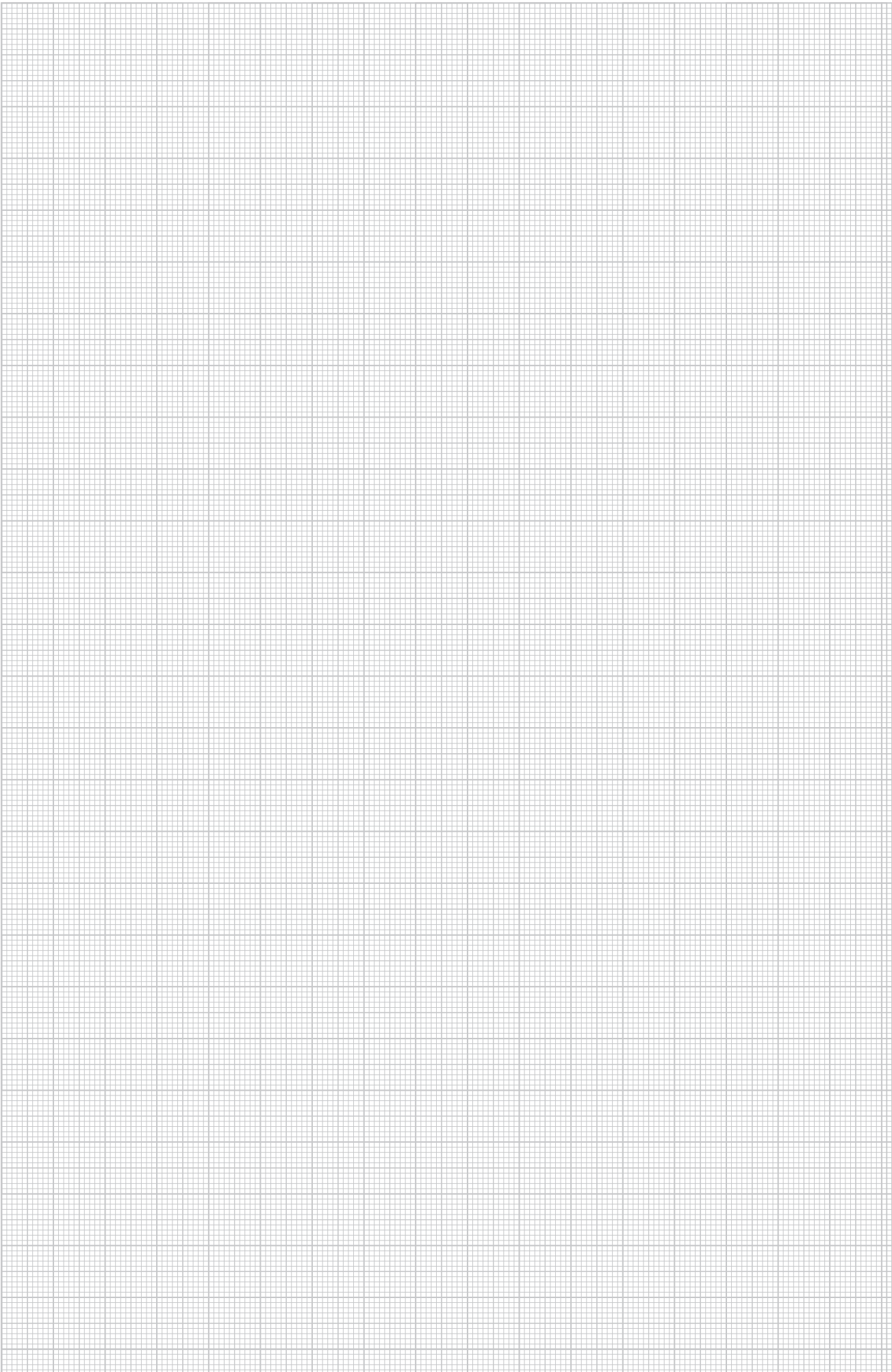
**Partition BRA TW, steel**

St FS

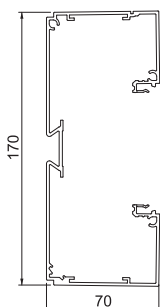
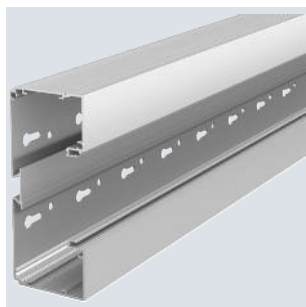


Type	Surface	Length mm	Pack m	Weight kg/100 m	Item no.
<b>BRA TW Stahl</b>	Strip galvanised	1000	30	65.100	<b>6133178</b>

Partition for the SIGNA Style device installation trunking. For dividing the trunking system into 2 equally sized chambers.



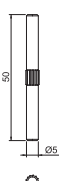
Device installation trunking, Signa Style, trunking width 170, trunking height 70



Type	Surface	Length mm	Pack m	Weight kg/100 m	Item no.
BRA 70170 EL	Anodised	2000	2	287.600	6133262

Signa Style device installation trunking for covered cable routing in internal areas.

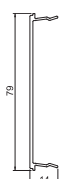
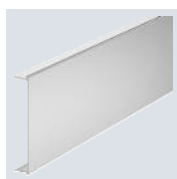
Coupling pin



Type	Length mm	Width mm	Height mm	Pack Piece	Weight kg/100 pc.	Item no.
BRA KS	50	5	5	100	0.500	6133261

Coupling pins for direct connection of trunking bases. Suitable for the trunking systems Signa Style, Compact Data and Profila Data.

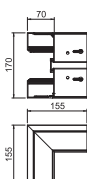
Cover BRA OT 80



Type	Length mm	Width mm	Height mm	Pack m	Weight kg/100 m	Item no.
BRA OT 80 EL	2000	79	14	2	39.500	6133267

Cover for closing the Signa Style device installation trunking.

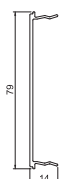
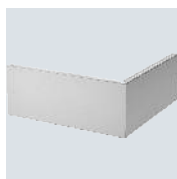
External corner BRA AE 70170



Type	Surface	Length mm	Pack Piece	Weight kg/100 pc.	Item no.
BRA AE70170 EL	Anodised	155	1	67.100	6133273

External corner as a fitting for changing the direction of the Signa Style device installation trunking.

Cover BRA OT AE 80



Type	Surface	Length mm	Pack Piece	Weight kg/100 pc.	Item no.
BRA OT 80 AE EL	Anodised	200	1	15.500	6133266

Cover for closing the external corner of the Signa Style device installation trunking.

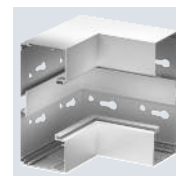
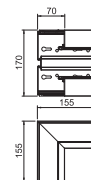
Alu EL



### Internal corner BRA IE 70170

Type	Surface	Length mm	Pack Piece	Weight kg/100 pc.	Item no.
BRA IE70170 EL	Anodised	155	1	71.400	6133278

Internal corner as a fitting for changing the direction of the Signa Style device installation trunking.



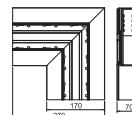
Alu EL



### Flat angle BRA FW 70170, falling

Type	Surface	Length mm	Pack Piece	Weight kg/100 pc.	Item no.
BRA FWF70170 EL	Anodised	270	1	99.400	6133288

Flat angle, falling, as a fitting for changing the direction of the Signa Style device installation trunking.



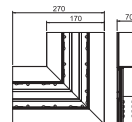
Alu EL



### Flat angle BRA FW 70170, rising

Type	Surface	Length mm	Pack Piece	Weight kg/100 pc.	Item no.
BRA FWS70170 EL	Anodised	270	1	100.800	6133283

Flat angle, rising, as a fitting for changing the direction of the Signa Style device installation trunking.



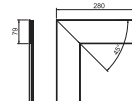
Alu EL



### Cover BRA OT FW 80

Type	Surface	Length mm	Pack Piece	Weight kg/100 pc.	Item no.
BRA OT 80 FW EL	Anodised	280	1	18.900	6133268

Cover for closing the flat angle of the Signa Style device installation trunking.



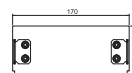
Alu EL



### End piece BRA ES 70170

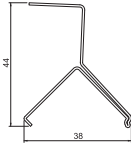
Type	Surface	Pack Piece	Weight kg/100 pc.	Item no.
BRA ES70170 EL	Anodised	1	11.500	6133293

End piece as a fitting for the Signa Style device installation trunking.



**Partition BRA TW, steel**

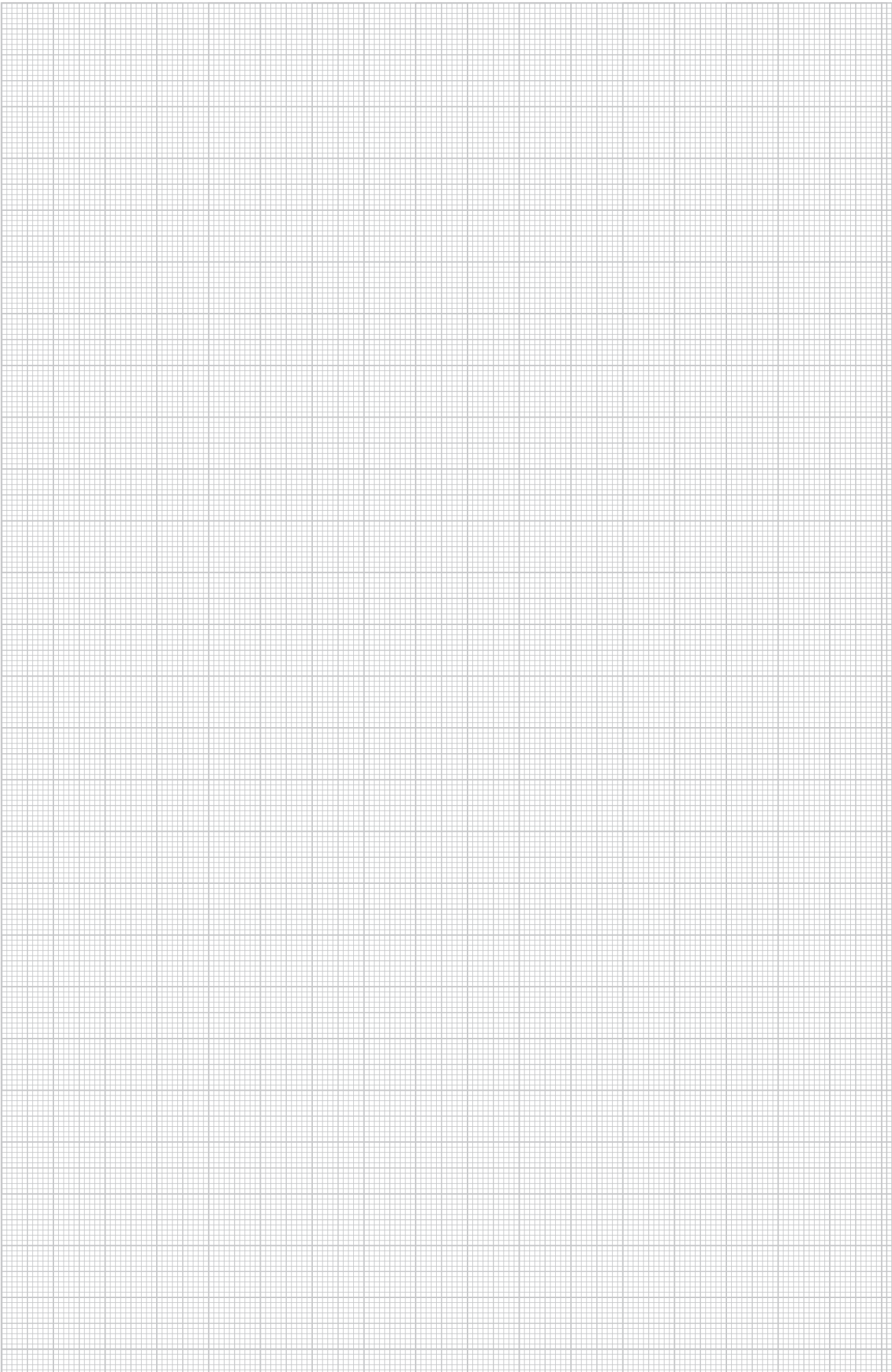
St FS



Type	Surface	Length mm	Pack m	Weight kg/100 m	Item no.
BRA TW Stahl	Strip galvanised	1000	30	65.100	6133178

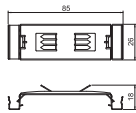
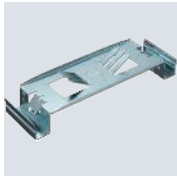
Partition for the SIGNA Style device installation trunking. For dividing the trunking system into 2 equally sized chambers.





## BRA ERD KL earthing clamp

St FS

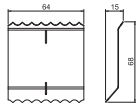
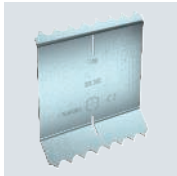


Type	Length mm	Width mm	Height mm	Pack Piece	Weight kg/100 pc.	Item no.
<b>BRA ERD KL</b>	85	26	18	10	1.220	<b>6133407</b>

Earthing clamp for the electrical connection between base and cover.

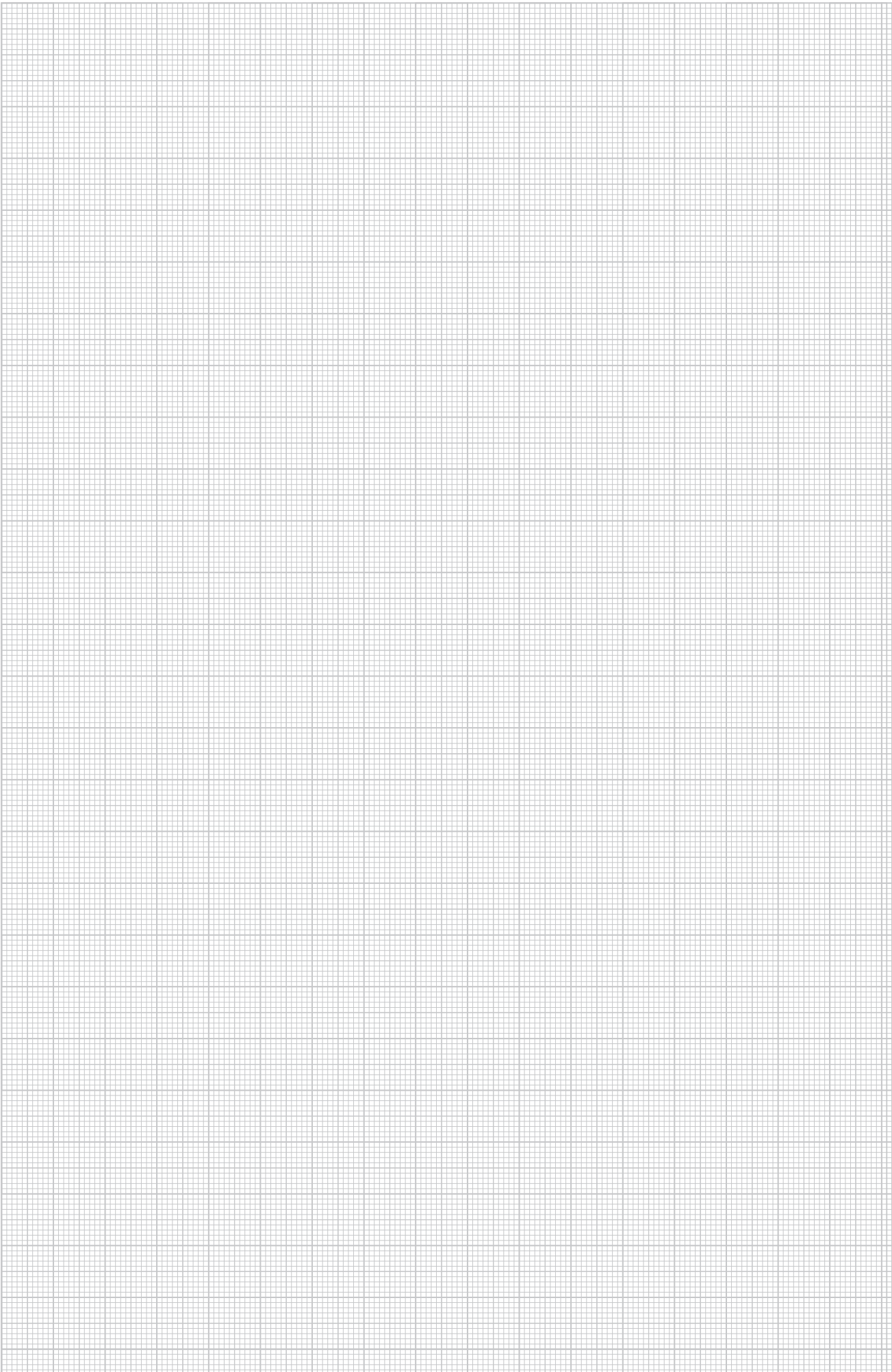
## BRA ERD KUP earthing coupling

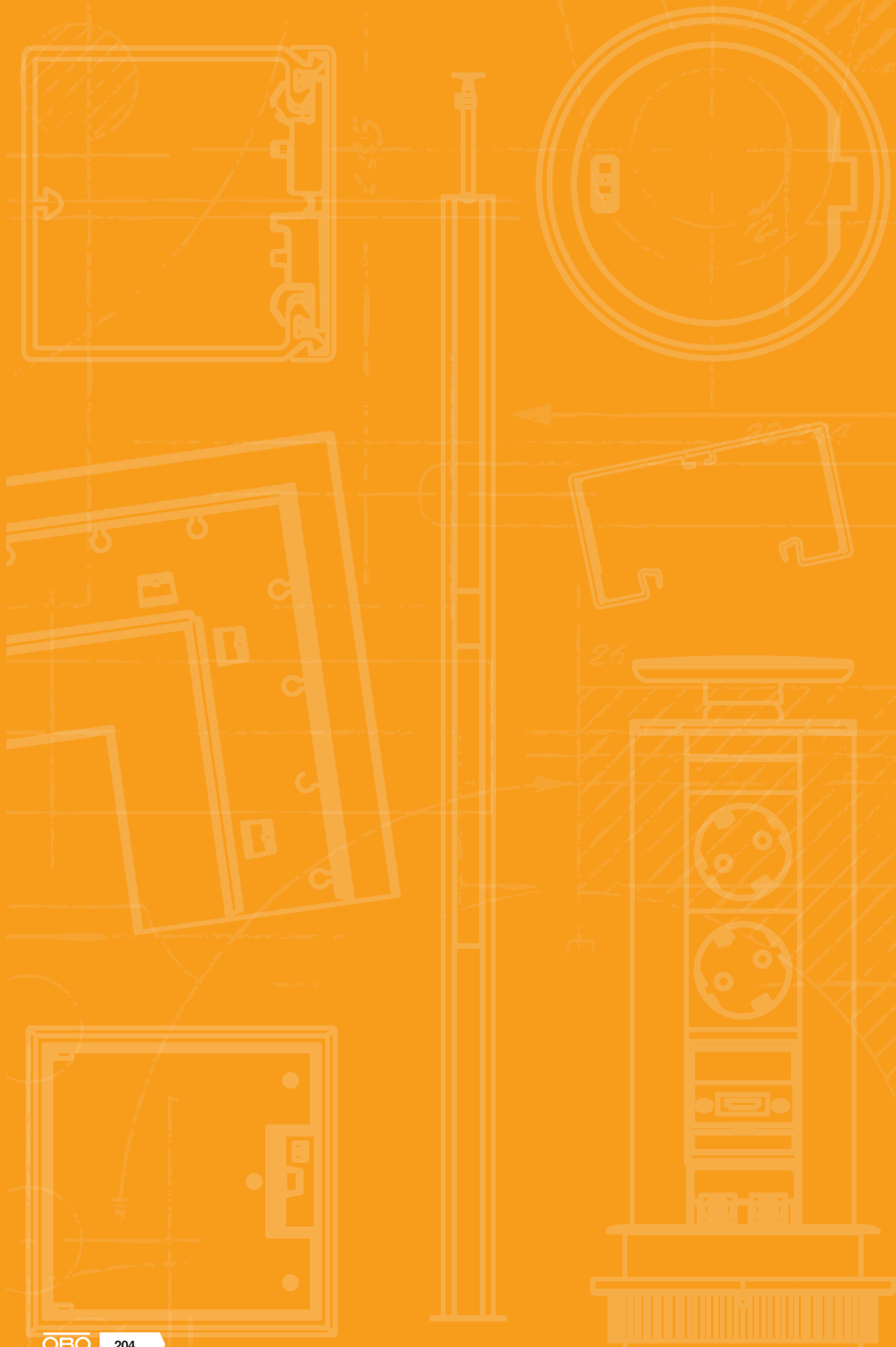
St FS



Type	Length mm	Width mm	Height mm	Pack Piece	Weight kg/100 pc.	Item no.
<b>BRA ERD KUP</b>	64	68	15	10	0.180	<b>6133408</b>

Earthing coupling for the electrical connection between base and base.





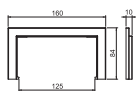
# Accessories, device installation trunking, Signa Base and Signa Style



Accessories, device installation trunking, Signa Base and Signa Style

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## Wall end piece BRK WA 70

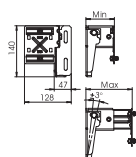


Type	Colour	Length mm	Width mm	Height mm	Pack Piece	Weight kg/100 pc.	Item no.
BRK WA70110 rws	Pure white	10	140	84	1	1.820	6133641
BRK WA70130 rws	Pure white	10	160	84	1	1.980	6132801
BRK WA70170 rws	Pure white	10	200	84	1	2.240	6132802

Wall end piece for the tidy completion of a penetration through a wall.

## Device installation trunking accessories

### Fastening panels

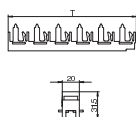


Type	Version	Pack Piece	Weight kg/100 pc.	Item no.
BKN50 80	53-83 mm	1	50.000	6288001

Fastening panel for mounting device installation trunking on skirting board constructions and as a support for the convection grid. The fastening panel can be used for all Rapid 80 device installation trunking systems of type GK, GS and GA. When mounting plastic GK device installation trunking, the matching wall panel adapter is also required. The connection profile is required for mounting double trunking of type GS-D70170 and GS-D90170, as well as for GS trunking with a nominal width of 210 mm.

The mesh slats are simply attached to the slat holder.

### Profile connector, horizontal

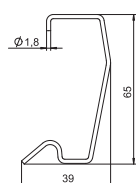


Type	Length mm	Number of profiles	Pack Piece	Weight kg/100 pc.	Item no.
PV N3 50H	50	2	1	0.730	6288100

Horizontal profile connector with guide slits to lock convection grid profiles. The profile connector is mounted on the fastening panel using the clamp, type SP3.

The mesh slats are simply attached to the slat holder.

### Clamp

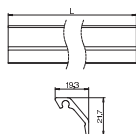


Type	Pack Piece	Weight kg/100 pc.	Item no.
SP3	10	0.260	6279800

Clamp to lock supports between the convection grid and the fixing panel.

Suitable for fixing panels for windowsill thickness 23.5 mm

### Convection grid profile



Type	Colour	Surface	Length mm	Pack m	Weight kg/100 m	Item no.
KG2RW 2000	Pure white	—	2000	2	23.100	6287700

Sloping convection grid, for optically attractive closing of spaces between the device installation trunking and the wall. The convection grid profiles are suitable for horizontal and vertical mounting.

St

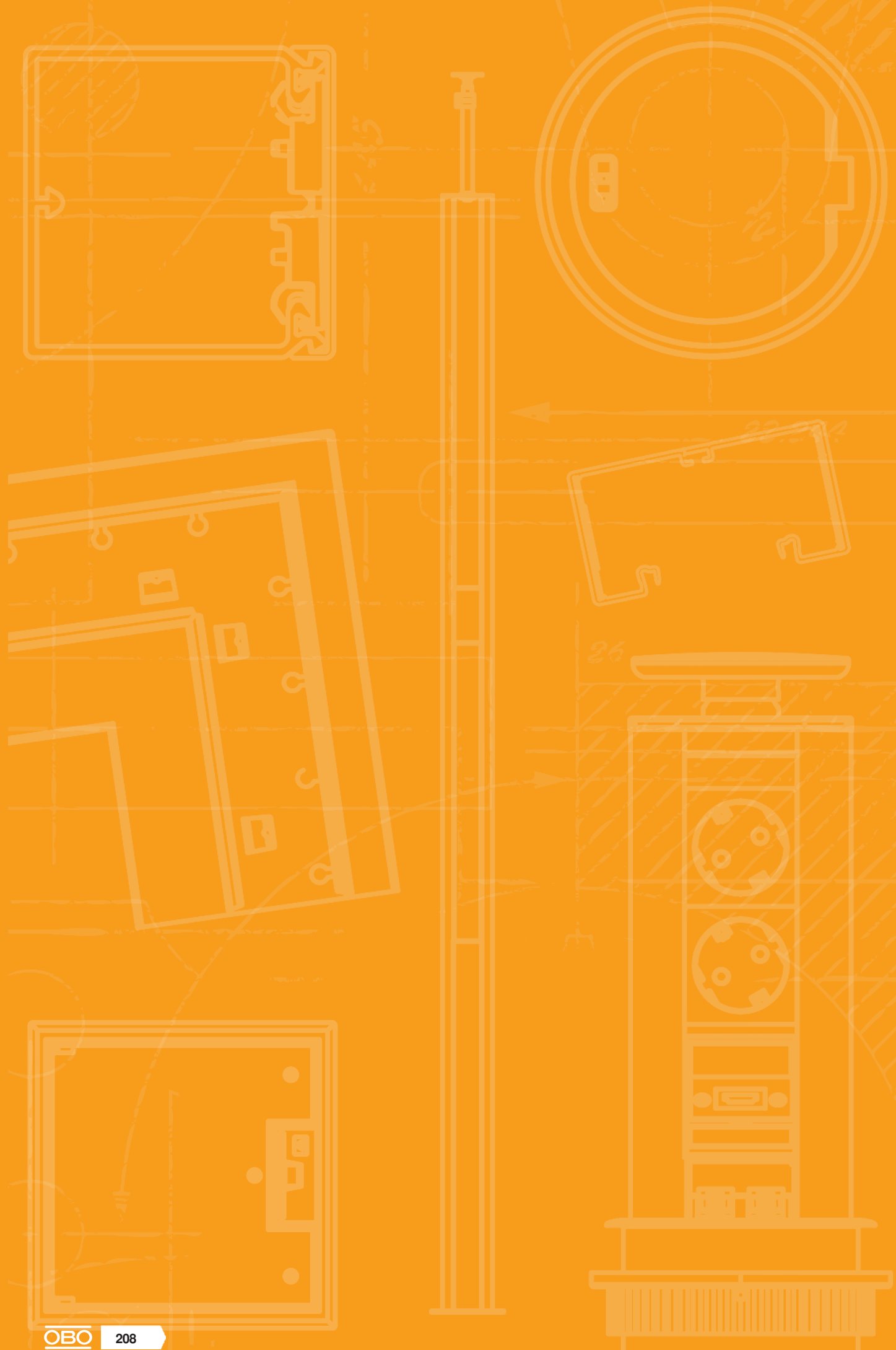


### Coupling pin 8VS4

Type	Pack Piece	Weight kg/100 pc.	Item no.
8VS4	100	0.740	6287810

Coupling pin to connect convection grid profiles.







# Signa Base and Signa Style devices



Devices for Signa Base and Signa Style device installation trunking 210

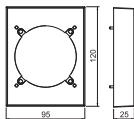
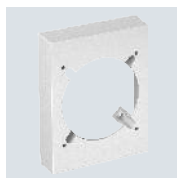
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# Flange

## CEE flange BRK CEE FL

PC/ABS



Type	Colour	Length mm	Width mm	Height mm	Pack Piece	Weight kg/100 pc.	Item no.
BRK CEE FL rws	Pure white	25	120	95	1	5.300	6121124

CEE flange for CEE devices with 70 mm perforation, suitable for Signa Base dado trunking.

## Support ring installation

### Data socket BRK GD UAE

Alu FS



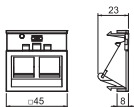
Type	Colour	Length mm	Width mm	Height mm	Pack Piece	Weight kg/100 pc.	Item no.
BRK GD UAE	—	60	70	40	1	14.500	6121072

UAE Cat. 6 A ISO 8/8 connection socket with breakable support ring for bar version. 2 connections. Fulfills the highest product requirements for transmission according to ISO/IEC 11 801:2011-06 for 500 MHz bandwidth (10 Gbit/s). Central plate not contained in the scope of delivery, must be ordered separately.

## Locking installation

### Keystone support BRK-Key A45

PC/ABS



Type	Colour	Length mm	Width mm	Height mm	Pack Piece	Weight kg/100 pc.	Item no.
BRK Key A45 rws	Pure white	20	45	45	1	1.000	6121084

Support plate (incl. labelling panel and sloping outlet) for Keystone modules. Width of the opening: 14.9 mm; height of the opening: 19.4 mm.

### Keystone support BRK-Key B45

PC/ABS



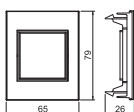
Type	Colour	Length mm	Width mm	Height mm	Pack Piece	Weight kg/100 pc.	Item no.
BRK Key B45 rws	Pure white	20	45	45	1	1.000	6121090

Support plate (incl. labelling panel and sloping outlet) for Keystone modules. Width of the opening: 14.9 mm; height of the opening: 20.2 mm.

## Frames

### Single frame BRK

PC/ABS



Type	Colour	Length mm	Width mm	Height mm	Pack Piece	Weight kg/100 pc.	Item no.
BRK CF1 M45 rws	Pure white	28	66	80	1	3.000	6121104

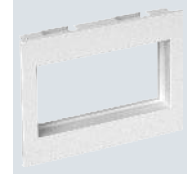
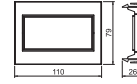
Frame for Modul 45 locking connection (to accept the support plate for Keystone modules).

PC/  
ABS

### Double frame BRK

Type	Colour	Width mm	Height mm	Pack Piece	Weight kg/100 pc.	Item no.
<b>BRK CF2 M45 rws</b>	Pure white	110	80	1	2.730	<b>6121108</b>

Frame for Modul 45 locking connection (to accept the support plate for Keystone modules).

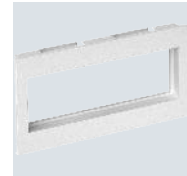
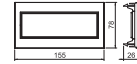


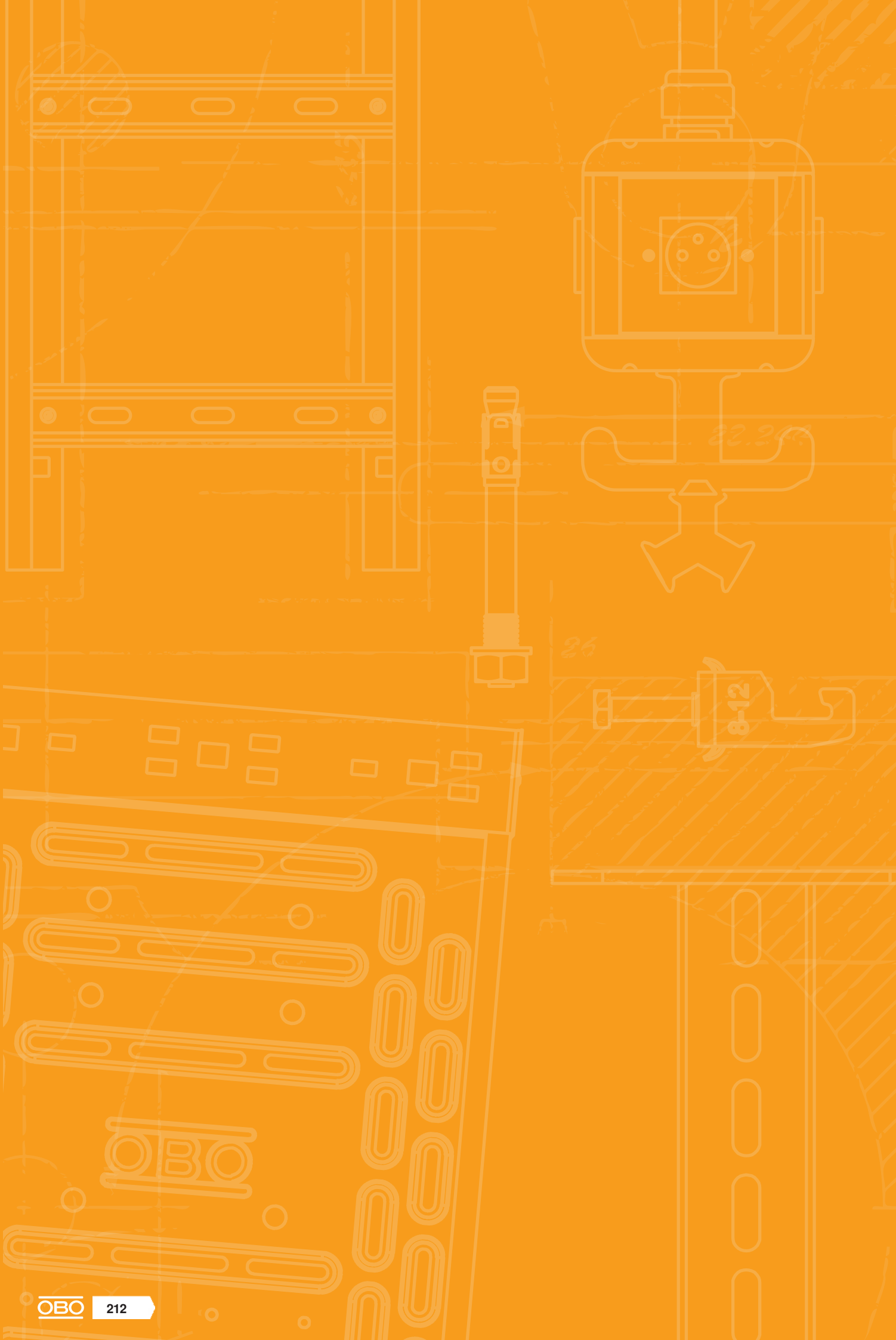
PC/  
ABS

### Triple frame BRK








Type	Colour	Length mm	Width mm	Height mm	Pack Piece	Weight kg/100 pc.	Item no.
<b>BRK CF3 M45 rws</b>	Pure white	28	200	80	1	4.500	<b>6121110</b>

Frame for Modul 45 locking connection (to accept the support plate for Keystone modules).












































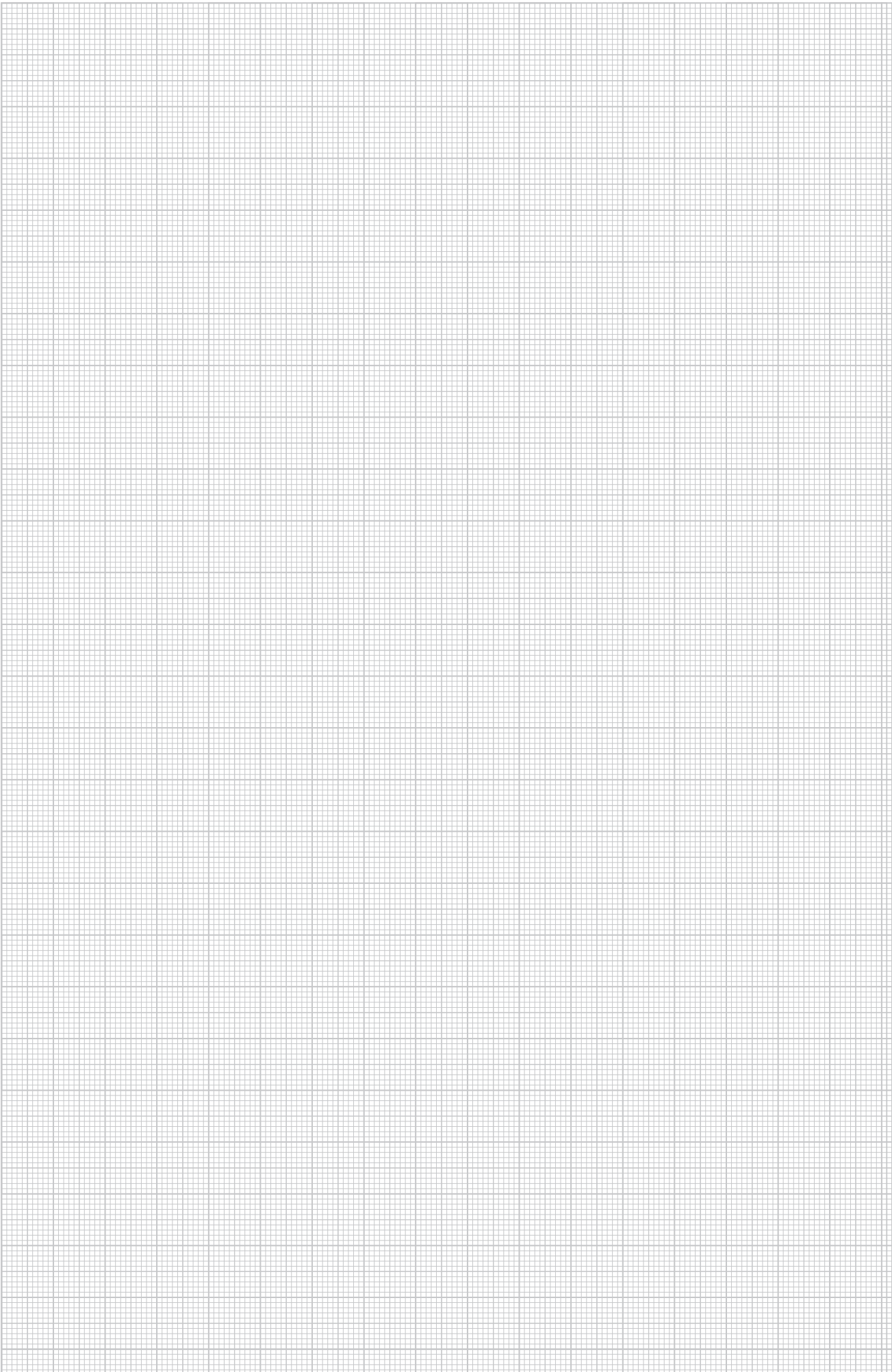
# Directories

	Directories	214
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	Pictogram explanation	216
	Alphabetical table of contents	220
	Numeric directory	222
	Type listing	224
	For the latest general conditions of sale and delivery please see <a href="http://www.obo.global/general-purchasing-conditions/">www.obo.global/general-purchasing-conditions/</a>	


























## 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		ISTITUTO 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		Sähkötarkastuskeskus 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

 FS	Strip galvanised
 FSK	Strip galvanised/plastic-coated
 DD	Strip galvanised zinc/aluminium, double dip
 BK	Bright
 2B	Bright, reworked
 EL	Anodised
 F	Hot-dip galvanised
 G	Electrogalvanised
 GK	Electrogalvanised/plastic-coated
 GCL	Electrogalvanised, yellow-chromatised
 GGP	Electrogalvanised, yellow passivated
 GTP	Electrogalvanised, transparently passivated
 GR	Primed
 L	Painted
 SG	Welding primed
 FT	Hot-dip galvanised
 FT SO	Hot-dip galvanised 85 µm
 Cu	Copper-plated
 N	Nickel-plated
 ZD	Galvanised, Deltatone 500
 ZDM	Galvanised, MAGNI 565
 GA	Zinc-aluminium coated, Galfan
 ZL	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 mm <sup>2</sup>
	Nominal cross-section 1.5–2.5 mm <sup>2</sup>
	Nominal cross-section 2.5 mm <sup>2</sup>
	Nominal cross-section 2.5–4 mm <sup>2</sup>
	Nominal cross-section 4 mm <sup>2</sup>
	Nominal cross-section 4–6 mm <sup>2</sup>
	Nominal cross-section 6 mm <sup>2</sup>
	Nominal cross-section 10 mm <sup>2</sup>
	Nominal cross-section 16 mm <sup>2</sup>













## 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

	Phillips 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

<b>FA</b>	Fibre-proof material DIN 28091
<b>GFK</b>	Fibreglass-reinforced plastic
<b>NBR SBR</b>	Rubber mixture
<b>NBR</b>	Nitrile rubber
<b>PETR</b>	Petrolatum
<b>PA</b>	Polyamide
<b>PA/ GF</b>	Polyamide, fibreglass reinforced
<b>PBPT</b>	Polybutylene terephthalate
<b>PC</b>	Polycarbonate
<b>PE</b>	Polyethylene
<b>PP</b>	Polypropylene
<b>PP/ GF</b>	Polypropylene, fibreglass reinforced
<b>PS</b>	Polystyrene
<b>PVC</b>	Polyvinylchloride
<b>ZELL PC</b>	Cellular polyethylene



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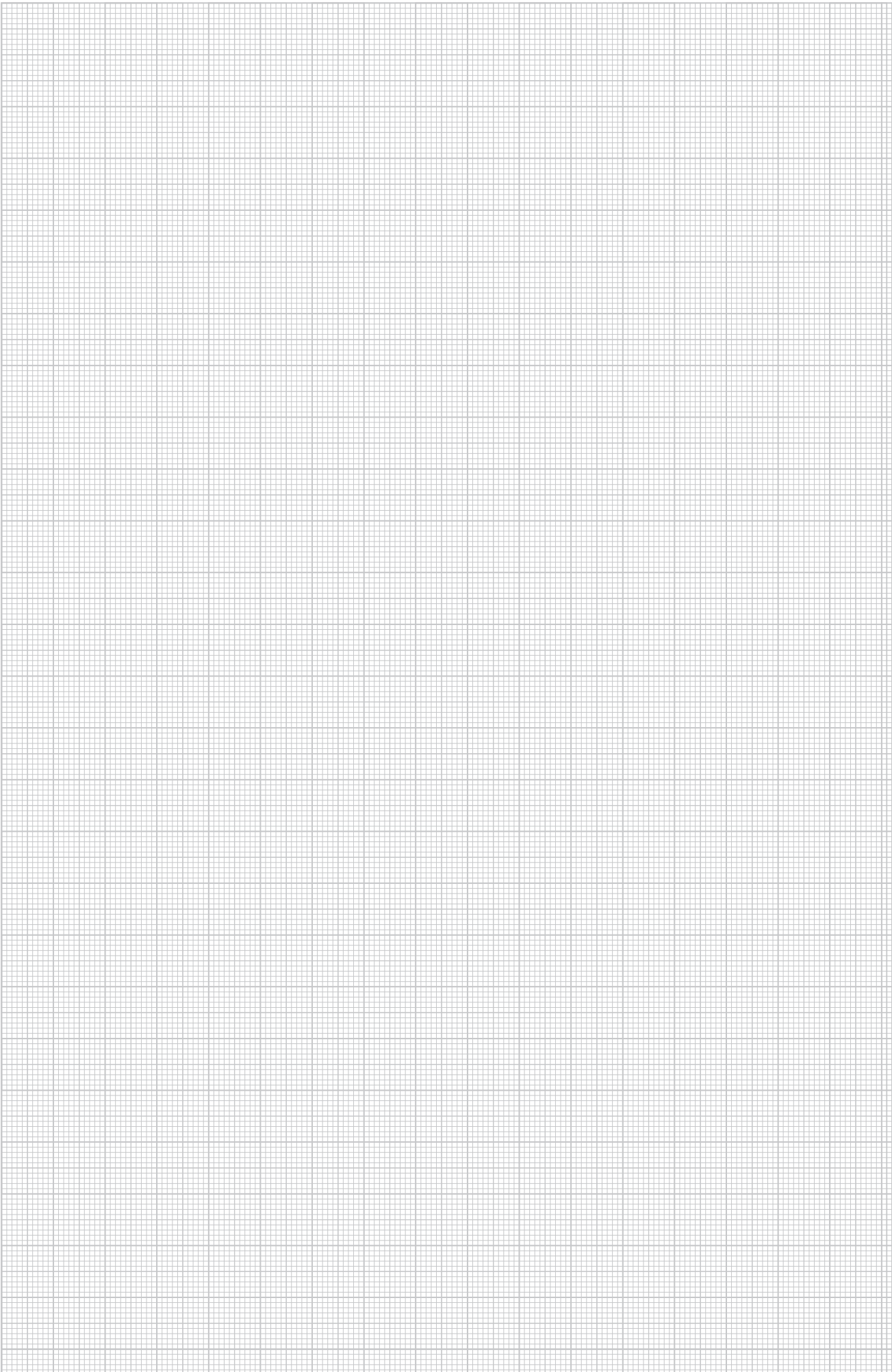
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	/pc.		6721849	<b>6132776</b>	181	5660248	<b>6277220</b>	96			
6419814	<b>6113300</b>	41	6721863	<b>6132778</b>	183	5660323	<b>6277240</b>	96			
6419845	<b>6113310</b>	38	6721894	<b>6132781</b>	185	5660484	<b>6277270</b>	96			
6419876	<b>6113320</b>	41	6722655	<b>6132788</b>	186						
	price/m		6722679	<b>6132791</b>	186	5660590	<b>6277320</b>	89			
6419913	<b>6113400</b>	46	6722709	<b>6132795</b>	186						
	/pc.		6722747	<b>6132801</b>	206	5662310	<b>6277620</b>	101			
6419937	<b>6113410</b>	47	6722754	<b>6132802</b>	206	5662419	<b>6277660</b>	102			
6419975	<b>6113420</b>	47				5662464	<b>6277670</b>	102			
6419999	<b>6113430</b>	47	6725694	<b>6133178</b>	192						
6420032	<b>6113440</b>	47	6735280	<b>6133260</b>	190						
6420056	<b>6113450</b>	46	6735297	<b>6133261</b>	194	5666400	<b>6278680</b>	75			
6420094	<b>6113460</b>	46	6735303	<b>6133262</b>	198	5666486	<b>6278686</b>	75			
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6420155	<b>6113480</b>	47	6735327	<b>6133267</b>	190	5768067	<b>6279203</b>	122			
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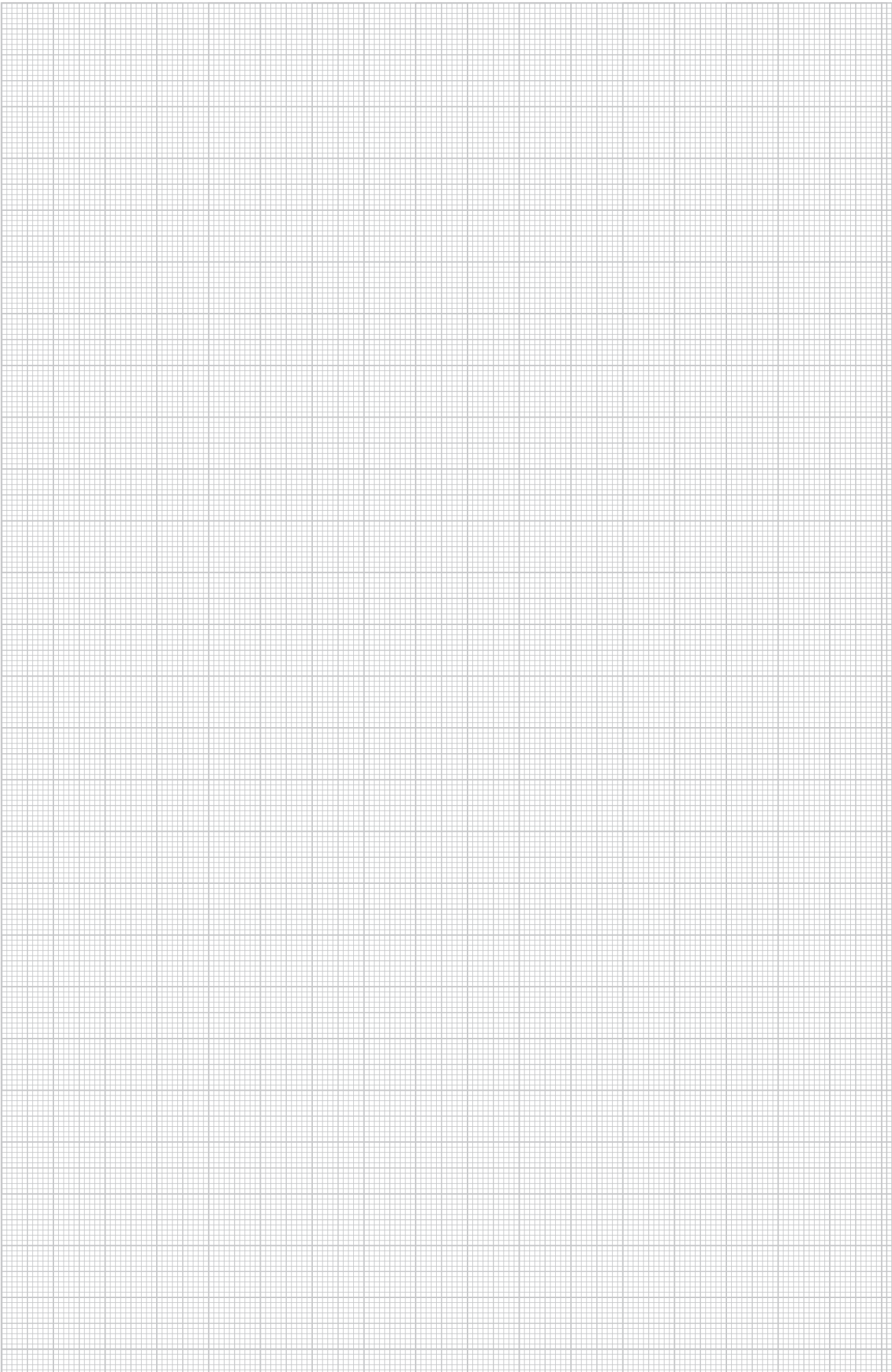


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