

The OBO complete units can be used as independent individual solutions or as an addition to complex underfloor systems. Various versions of pre-fitted device installation units give the opportunity of providing connections to power and/or data networks in any location where they are needed. The cables are usually fed in through conduits run through the screed. The OBO product range contains different variants, matched to the appropriate areas of use and floor coverings.



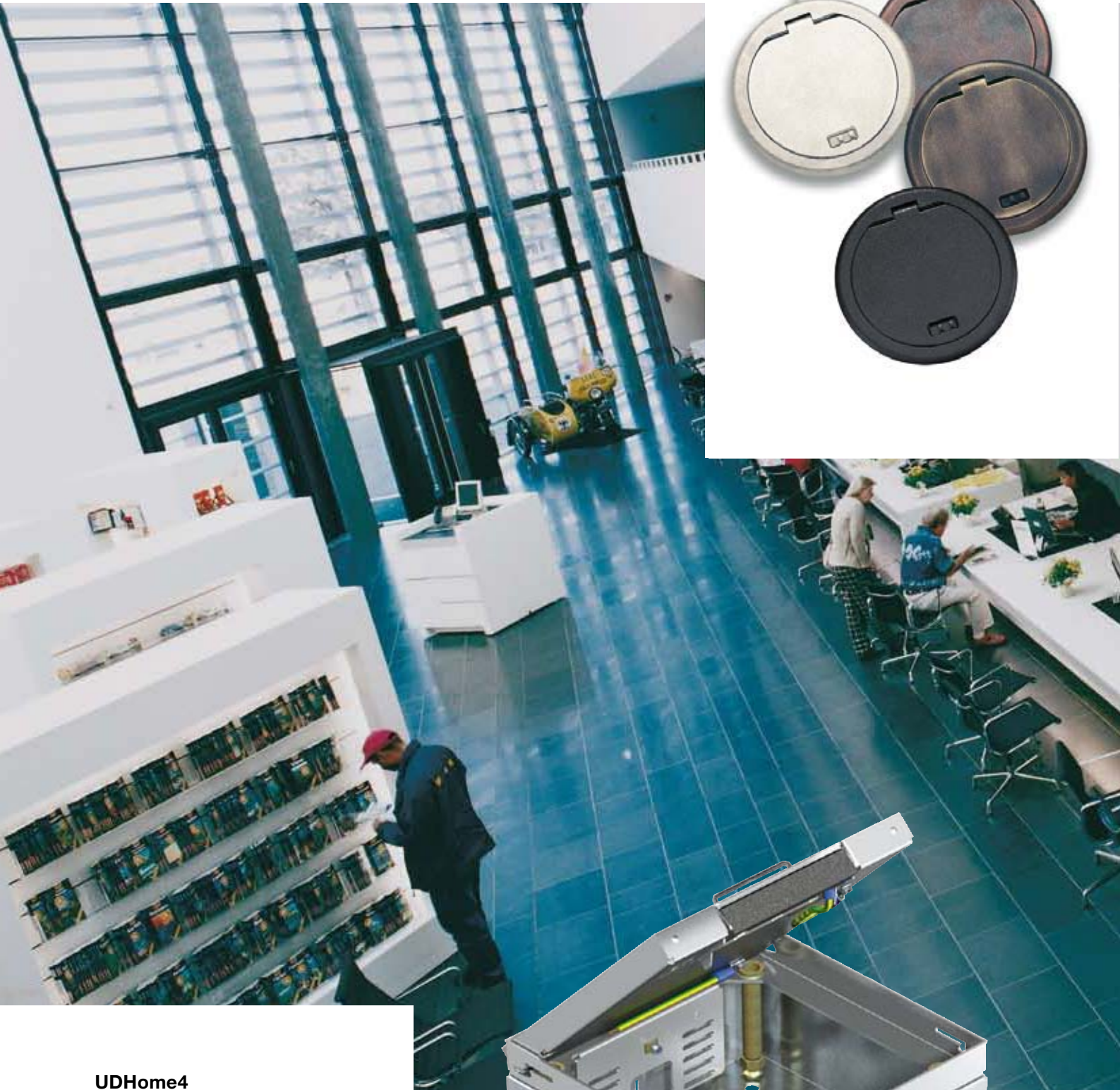
# Complete units



<b>Planner section</b>	<b>172</b>
<b>Products</b>	<b>174</b>



## Complete units



### **UDHome4**

The ready-to-install device installation unit permits flushfloor installations in dry-care floors. The parts visible in the floor covering are made from high-quality stainless steel or brass.





## GESRM2

This complete unit can offer the full security of a standardised under-floor installation. The service outlet is fully equipped with a switched power socket. Through its design and material, it is perfect for applications in the heavy-duty area.

Material: die-cast zinc with nickel-plated, chrome-plated, matt black chrome-plated, old brass and old copper covers.



Complete service outlets

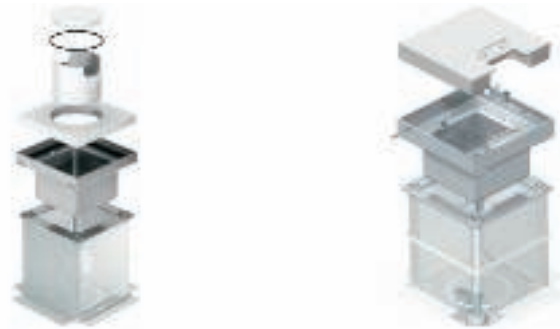
Complete underfloor box for one Modul 45 socket and two data connection sockets



Screed height 105 - 165 mm

In the field of complete service outlets, the GE 1 and GET 1 models are a universal, high-quality solution. The GE 1 version has a cord outlet for dry-cleaned floors, whilst the GET 1 has a tube body for wet-cleaned floors. Both types have a solid aluminium lid and are equipped with a stainless steel housing. A Modul 45 Schuko socket can be installed as a power supply, and there are also two empty slots for data technology or telecommunications systems modules (cooperation with R&M, see data technology section).

System components



Square GE1 boxes with cord outlet and GET1 with tube body

Irrespective of screed type



The side mesh can be used universally. Use in cement and liquid screed is possible.

Flexible insertion



The pipes and cables can be inserted without difficulty as the mesh of the underfloor connection box can be processed using scissors or a knife.

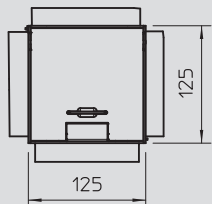
The combi box



Major benefits through small size and combined use as power supply and optional network connection.

Complete service outlets

GE1 Service outlet, complete with cord outlet

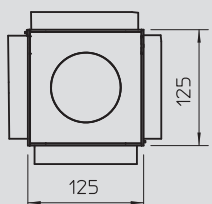


Type	Length mm	Width mm	Screed height mm	Material symbol	Pack. pcs	Weight kg/% pc	Item No. V2A	Price /pc
<b>GE 1 VA</b>	125	125	105-165	V2A	1	215,000	<b>7368 38 7</b>	

Complete, pre-mounted underfloor box with flexible mesh apron for equipment with one power socket of the Modul 45 series and two R&M RJ45 data connection sockets. Version for dry-cleaned floors, with solid aluminium lid and cord outlet.



GET1 Service outlet, complete with tube body



Type	Length mm	Width mm	Screed height mm	Material symbol	Pack. pcs	Weight kg/% pc	Item No. V2A	Price /pc
<b>GET 1 VA</b>	125	125	105-165	V2A	1	205,000	<b>7368 39 0</b>	

Complete, pre-mounted underfloor box with flexible mesh apron for equipment with one power socket of the Modul 45 series and two R&M RJ45 data connection sockets. Version for wet-cleaned floors, with solid aluminium lid and tube body.



Suction lifter

Type	Pack. pcs	Weight kg/% pc	Item No.	Price /pc
<b>SGH 50</b>	1	3,700	<b>7368 59 3</b>	

For opening the GET1 service outlets. Suitable for all service outlets and tube bodies with a smooth surface.



Complete service outlets

Service outlets with power socket

<b>Surfaces</b>	Nickel-plated, old brass, old copper, chrome-plated
<b>Version</b>	With protection frame or with contact frame
<b>Material</b>	Die-cast zinc
<b>Socket</b>	Power socket, British Standard, switched



The round GESRM2 service outlet is a prefitted installation unit. The scope of delivery contains a power socket. The metallic installation unit can be supplied in four colour tones: nickel, chrome, old copper and old brass. Two versions are available for use in screed floors: with guide frame and with protective frame. The version with the protective frame is used for raised floors. When closed, the installation unit can be wet-cleaned. The minimum installation depth is 70 mm.

System components



Service outlet, underfloor outlet box

Mounting in underfloor outlet boxes



The UDL2-120 outlet box must be fully in contact with the raw floor and be flush with the top edge of the screed.

Mounting in underfloor boxes



The UZD..RM2 mounting lids are required for installation in an underfloor box.

Prefabricated mounting



After work on the floor covering has been completed, the installation unit is screwed into the installation openings, and is then aligned and fixed. Then the socket is connected or the optional expansion takes place with data technology connection systems.

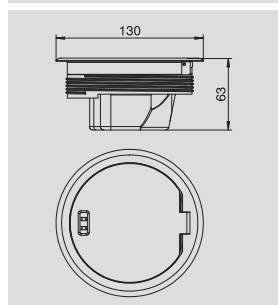
Complete service outlets

Complete mounting – lid closed



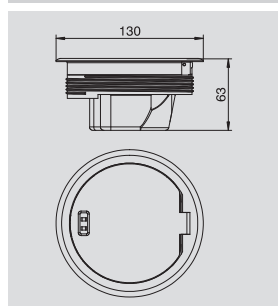
The lid of the service unit does not possess a recess for the insertion of floor coverings. It is smooth and is flush with the protection frame or the contact frame.

**GESRM2 Complete service outlet with protection frame for UZD/UDL**



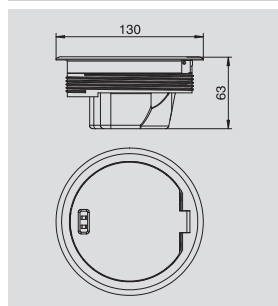
Type	Surface finish	Pack.	Weight	Item No.	Price /pc
		pcs	kg/% pc	Zn / N	
<b>GESRN2USBBSS</b>	nickel-plated	1	81,900	<b>7428 01 2</b>	

Round service outlet with prefitted single-gang power socket, switched (BS-type). The service outlet has a floor covering protection frame and can be used in combination with an underfloor box UZD or an underfloor outlet box UDL2-120. The minimum installation depth is 70 mm. Surface: nickel plated.



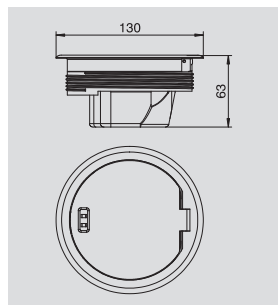
Type	Surface finish	Pack.	Weight	Item No.	Price /pc
		pcs	kg/% pc	Zn / CuZn	
<b>GESRMS2USBBSS</b>	brass-coated	1	81,900	<b>7428 01 6</b>	

Round service outlet with prefitted single-gang power socket, switched (BS-type). The service outlet has a floor covering protection frame and can be used in combination with an underfloor box UZD or an underfloor outlet box UDL2-120. The minimum installation depth is 70 mm. Surface: old brass.



Type	Surface finish	Pack.	Weight	Item No.	Price /pc
		pcs	kg/% pc	Zn / Cu	
<b>GESRK2USBBSS</b>	copper-plated	1	81,900	<b>7428 01 0</b>	

Round service outlet with prefitted single-gang power socket, switched (BS-type). The service outlet has a floor covering protection frame and can be used in combination with an underfloor box UZD or an underfloor outlet box UDL2-120. The minimum installation depth is 70 mm. Surface: old copper.



Type	Surface finish	Pack.	Weight	Item No.	Price /pc
		pcs	kg/% pc	Zn	
<b>GESRC2USBBSS</b>	chrome-plated	1	81,900	<b>7428 01 4</b>	

Round service outlet with prefitted single-gang power socket, switched (BS-type). The service outlet has a floor covering protection frame and can be used in combination with an underfloor box UZD or an underfloor outlet box UDL2-120. The minimum installation depth is 70 mm. Surface: chrome plated.



Complete service outlets

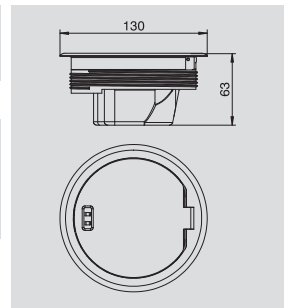
GESRM2 Complete service outlet with protection frame for UZD/UDL



Type	Surface finish	Pack.	Weight	Item No.
		pcs	kg/% pc	Zn
<b>GESRSM2USBBSS</b>	matt	1	81,900	<b>7428 01 8</b>

Round service outlet with single socket with switch (BS). This version has a floor covering protection frame and can be installed flush with the surface in conjunction with a UZD underfloor junction and branch box or a UDL2-120 connection box in screed floors. The minimum installation depth is 70 mm.  
Surface: matt, black chrome-plated.

Price /pc



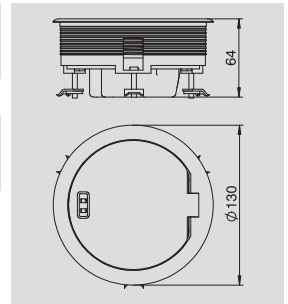
GESRM2 Complete service outlet with protection frame for RF/CF



Type	Surface finish	Pack.	Weight	Item No.
		pcs	kg/% pc	Zn / N
<b>GESRN2HSBSS</b>	nickel-plated	1	103,700	<b>7428 03 2</b>

Round service outlet with single socket with switch (BS). This version has a floor covering contact frame and can be installed in false and cavity floors. The minimum installation depth is 70 mm.  
Surface: nickel-plated.

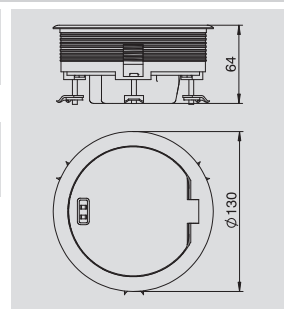
Price /pc



Type	Surface finish	Pack.	Weight	Item No.
		pcs	kg/% pc	Zn / CuZn
<b>GESRMS2HSBSS</b>	brass-coated	1	103,700	<b>7428 03 6</b>

Round service outlet with single socket with switch (BS). This version has a floor covering contact frame and can be installed in false and cavity floors. The minimum installation depth is 70 mm.  
Surface: brass.

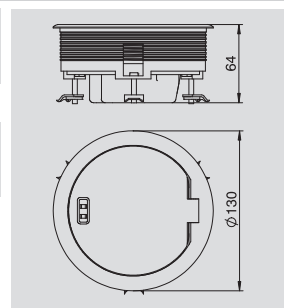
Price /pc



Type	Surface finish	Pack.	Weight	Item No.
		pcs	kg/% pc	Zn / Cu
<b>GESRK2HSBSS</b>	copper-plated	1	103,700	<b>7428 03 0</b>

Round service outlet with single socket with switch (BS). This version has a floor covering contact frame and can be installed in false and cavity floors. The minimum installation depth is 70 mm.  
Surface: old copper

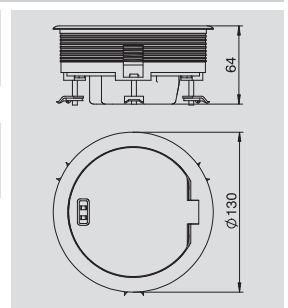
Price /pc



Type	Surface finish	Pack.	Weight	Item No.
		pcs	kg/% pc	Zn
<b>GESRC2HSBSS</b>	chrome-plated	1	103,700	<b>7428 03 4</b>

Round service outlet with single socket with switch (BS). This version has a floor covering contact frame and can be installed in false and cavity floors. The minimum installation depth is 70 mm.  
Surface: chrome-plated.

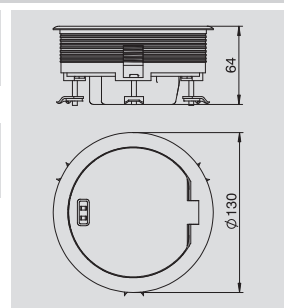
Price /pc



Type	Surface finish	Pack.	Weight	Item No.
		pcs	kg/% pc	Zn
<b>GESRSM2HSBSS</b>	matt	1	103,700	<b>7428 03 8</b>

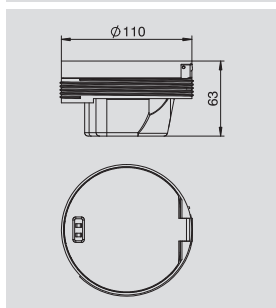
Round service outlet with single socket with switch (BS). This version has a floor covering contact frame and can be installed in false and cavity floors. The minimum installation depth is 70 mm.  
Surface: matt, black chrome-plated.

Price /pc



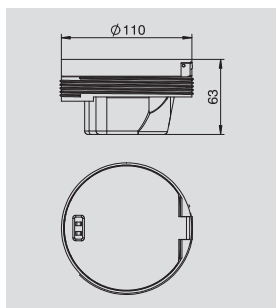
Complete service outlets

**GESRM2 Complete service outlet with floor covering contact frame for UZD/UDL**



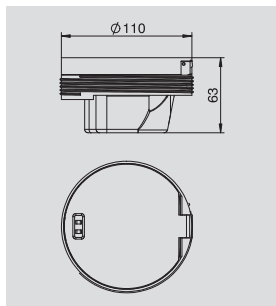
Type	Surface finish	Pack.	Weight	Item No.	Price /pc
		pcs	kg/% pc	Zn / N	
<b>GESRN2UABBS</b>	nickel-plated	1	74,900	<b>7428 02 2</b>	

Round service outlet with single socket with switch (BS). This version has a floor covering contact frame and can be installed flush with the surface in conjunction with a UZD underfloor junction and branch box or a UDL2-120 connection box. The minimum installation depth is 70 mm. Surface: nickel-plated.



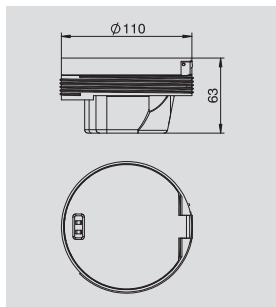
Type	Surface finish	Pack.	Weight	Item No.	Price /pc
		pcs	kg/% pc	Zn / CuZn	
<b>GESRMS2UABBS</b>	brass-coated	1	74,900	<b>7428 02 6</b>	

Round service outlet with single socket with switch (BS). This version has a floor covering contact frame and can be installed flush with the surface in conjunction with a UZD underfloor junction and branch box or a UDL2-120 connection box. The minimum installation depth is 70 mm. Surface: brass.



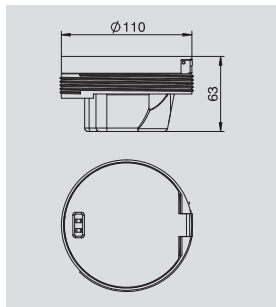
Type	Surface finish	Pack.	Weight	Item No.	Price /pc
		pcs	kg/% pc	Zn	
<b>GESRK2UABBS</b>	copper-plated	1	74,900	<b>7428 02 0</b>	

Round service outlet with single socket with switch (BS). This version has a floor covering contact frame and can be installed flush with the surface in conjunction with a UZD underfloor junction and branch box or a UDL2-120 connection box. The minimum installation depth is 70 mm. Surface: old copper.



Type	Surface finish	Pack.	Weight	Item No.	Price /pc
		pcs	kg/% pc	Zn	
<b>GESRC2UABBS</b>	chrome-plated	1	74,900	<b>7428 02 4</b>	

Round service outlet with single socket with switch (BS). This version has a floor covering contact frame and can be installed flush with the surface in conjunction with a UZD underfloor junction and branch box or a UDL2-120 connection box. The minimum installation depth is 70 mm. Surface: chrome-plated.



Type	Surface finish	Pack.	Weight	Item No.	Price /pc
		pcs	kg/% pc	Zn	
<b>GESRSM2UABBS</b>	matt	1	74,900	<b>7428 02 8</b>	

Round service outlet with single socket with switch (BS). This version has a floor covering contact frame and can be installed flush with the surface in conjunction with a UZD underfloor junction and branch box or a UDL2-120 connection box. The minimum installation depth is 70 mm. Surface: matt, black chrome-plated.



## Complete service outlets

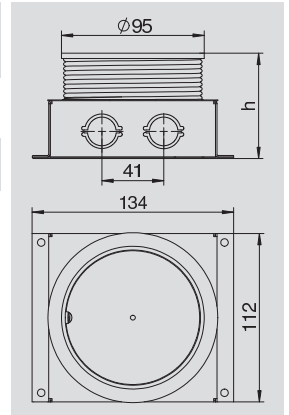
### Underfloor outlet box UDL2-120



Type	Screed height mm	Pack. pcs	Weight kg/% pc	Item No. ST / FS
<b>UDL2-120/70</b>	70+15	1	77,200	<b>7408 55 8</b>
<b>UDL2-120/80</b>	80+15	1	82,610	<b>7408 56 2</b>

Price  
/pc

Underfloor outlet box for the installation of a GESRM2 service outlet. With 2 x 2 openings for M20 or Pg16 pipe installation.



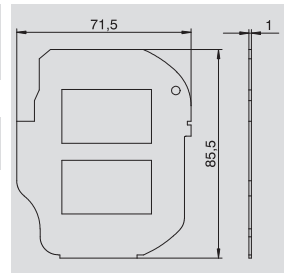
### Mounting plates



Type	Pack. pcs	Weight kg/% pc	Item No. ST / FS
<b>MPR2/2LJU6C</b>	1	30,000	<b>7407 62 1</b>

Price  
/pc

For the installation of two data modules of the type LJU6C in service outlet GESRM2. Dimension of the assembly opening in mm: 36,2 x 22.



## Complete service outlets

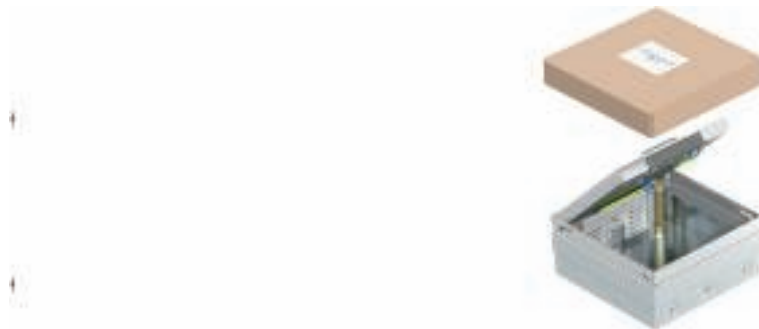
## Complete service outlet with underfloor box for conduit installations, 2 compartments

<b>Size</b>	For 2 compartments
<b>Material</b>	V2A, brass
<b>Minimum installation depth</b>	95 mm



The design of the square UDHome4 installation unit is very compact. Just one order number contains all the parts required for both mounting and use. The parts visible in the floor covering are made of V2A or brass. The installation unit permits the installation of electrical resources in dry-cleaned cavity floors or in screed floors. As only conduits can be used for cable routing, it can be installed anywhere in the floor, even outside an existing underfloor system, and is thus extremely suited for private living accommodation. The load capacity is designed for the requirements of office and administrative buildings. The floor structure must be at least 95 mm thick.

### System components



UDHome4

#### Insertion of installation tubes



Breakable openings (front side on the two opposing sides and on floor plate) allow cable routing via the installation tube (M25).

#### Height adjustment of the UDHome4



The minimum installation depth is 95 mm (measured from the raw screed to the top edge of the screed). The installation unit possesses four interior stable support brackets with a height-adjustment area of up to 30 mm and can thus be adjusted to the level of the finished floor.

#### Prefabricated mounting



The cassette is designed with a 3 mm sheet steel plate and can accept floor coverings with thicknesses of up to 15 mm. The cassette can be opened using a handle in the cord outlet.

Complete service outlets

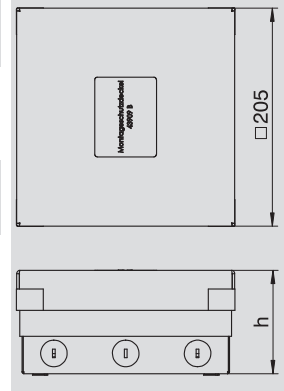
UDHome4 Service outlet



Type	Screed height mm	Material symbol	Pack. pcs	Weight kg/% pc	Item No. V2A
UDHOME4V	95-125	V2A	1	345,200	<b>7427 10 3</b> CuZn
UDHOME4M	95-125	CuZn	1	355,200	<b>7427 10 7</b>

Price  
/pc

Square installation unit for use in dry-cleaned cavity floors and in dry-cleaned screed floors. The housing has pre knock-outs for conduits (M25). Top frame height levellable to final floor level with 4 levelling units. Minimum installation depth is 95 mm, levelling range is + 30 mm.



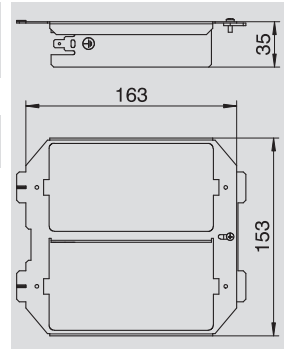
Mounting support, nominal size 4, for APMT2 cover plates



Type	Pack. pcs	Weight kg/% pc	Item No. ST / FS
MT4R4AP2	1	12,310	<b>7407 74 8</b>

Price  
/pc

Mounting support for accepting APMT2 cover plates, which aid the installation of accessories in installation units of nominal sizes 4 and R4.



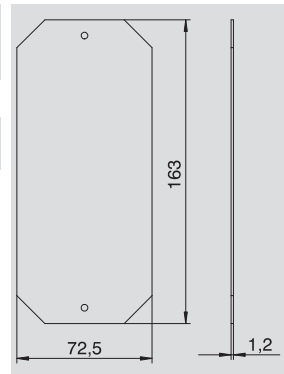
Cover plate APMT2/0



Type	Colour	Length mm	Pack. pcs	Weight kg/% pc	Item No. ST / FSO
APMT2/0	grey/white RAL 9002	163	80	12,300	<b>7406 91 2</b>

Price  
/pc

For blank covering of an unused compartment in an international mounting support. L = 163 mm.



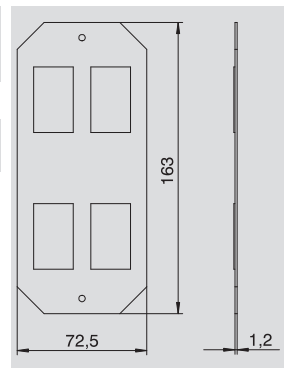
Cover plate APMT2/1



Type	Colour	Length mm	Pack. pcs	Weight kg/% pc	Item No. ST / FSO
APMT2/1	grey/white RAL 9002	163	40	7,600	<b>7406 91 6</b>

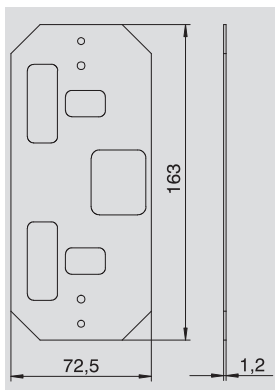
Price  
/pc

Cover plate for installing four data connection sockets of type LJC6C. L = 163 mm.



Complete service outlets

Cover plate APMT2/2



Type	Colour	Length mm	Pack. pcs	Weight kg/% pc	Item No. ST / FSO	Price /pc
APMT2/2	grey/white RAL 9002	163	80	8,100	7406 92 0	

Cover plate for installation of a double BS socket, type MK14347D1WHI.  
L = 163 mm.

