GES R2 floor sockets

ACKERMANN
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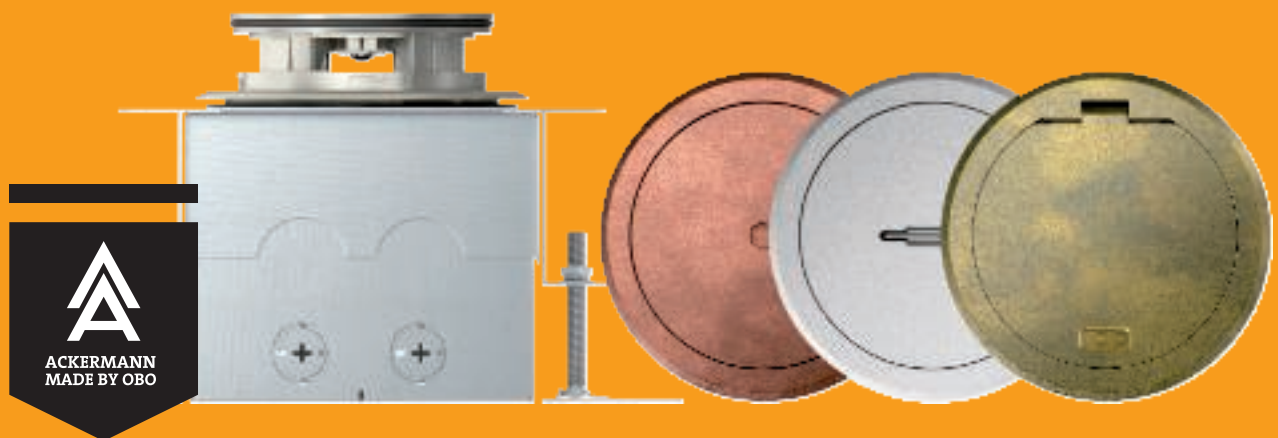
O-line

GES R2 floor sockets

The round floor sockets of the GES R2 series supply data and power exactly where they are required. Their handling is simple: The connection lines are inserted in the compact installation space and that space is closed off with a lid. Depending on the lid version, the floor sockets are suitable for dry or wet-cleaned floors.

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08 UFS GESR2 2017 mit Produkte_Südafrika / en / 11/07/2017 (LLExport_02084) / 11/07/2017

Areas of application

OBO GES R2 floor sockets are an ideal underfloor solution, when a discreet appearance, a high load capacity and varied functionality are required. Whether in the living room or in public areas – such as foyers, shopping malls or exhibition areas – the floor sockets stand out through their fine design and also add value to high-quality floor areas.

The installation socket of the GES R2 floor sockets is pre-equipped with two sockets. To the side of the socket, there is space for up to two connection sockets for data technology applications, as an option.

The floor sockets of the GES R2 series are available in various materials. The die-cast zinc variant is available surface-treated in the shades nickel, chrome, old copper and old brass.

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Ideally suited to wet-cleaned floors

Withstands the highest loads

In use around the world for decades

OBO

Modular structure

The GES R2 floor sockets offer the tried-and-trusted functions of the Ackermann made by OBO underfloor systems – now newly constructed and with an up to 100% larger installation compartment compared to the predecessor model GESRM2. This provides space for a double socket of the Modul 45 series and up to two data modules.

The modular structure as a screed socket, installation socket and service outlet allows simple configuration, according to the area of application.

Lid variants

The classic service outlet for the GES R2 floor socket is available in various designs.
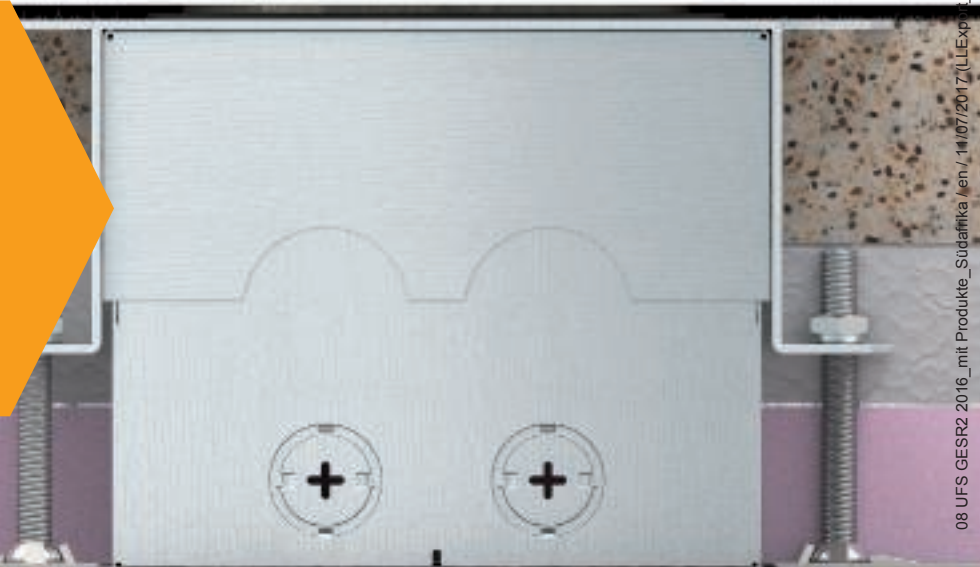
Installation socket

The installation socket is available empty or pre-equipped. The pre-equipped variant contains either a double socket or a free combination of two Modul 45 individual devices.

Screed box

The height-adjustable screed box is used to accept the service outlet when the GES R2 floor socket is installed in the screed.

Variable

All the cover variants of the GES R2 floor socket can be inserted in raised floors or in the screed.
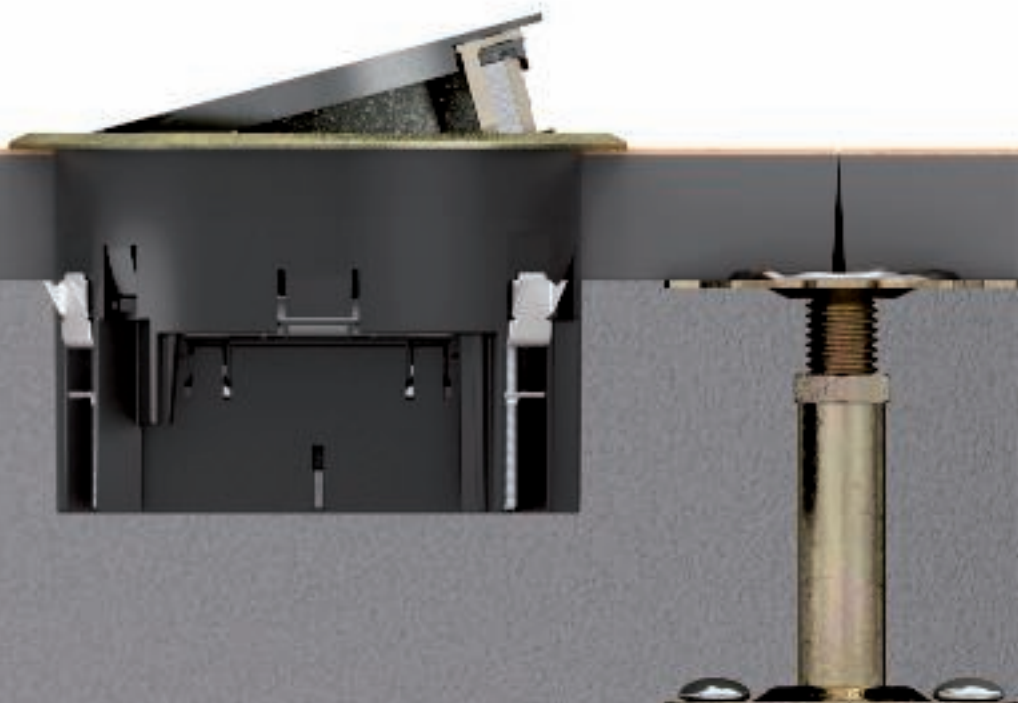
Installation in system floor

The installation socket can be installed simply in the system base. A drill hole of 120 mm is sufficient.

Mounting

The installation socket is mounted in the raised floor plate using three fastening brackets.
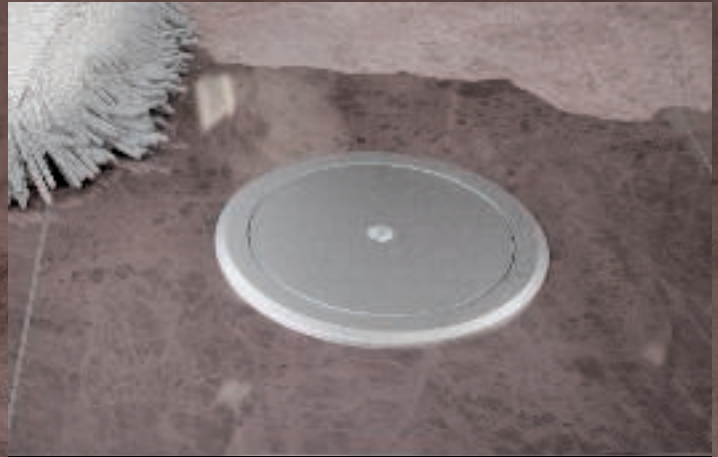
Floor socket GES R2 for wet-cleaned floors

The tube body seals the closed installation space against the ingress of water, which occurs, for example, when the floor is cleaned. Even if the tube body lid is open for letting out cables, a seal in the lower ring of the installation socket offers protection against the ingress of water. The GES R2 floor socket with tube body thus fulfils the requirements for service outlets in wet-cleaned floors according to EN 50085-2-2.

Tube body

The tube body can be operated with one hand. To open it, the handle clamp is pulled up and, after the audible engaging of the support, turned slightly left and locked.

To insert the cables, it is sufficient to press two pressure points to release the lid. After the connectors have been inserted, the lid is audibly engaged on the tube body ring. The tube body lid is closed again by pressing the pressure points and lowering the lid by turning it to the right slightly.

IP 66

Blank version with metal lid

The metal lid with bayonet lock can be opened with an Allen key.
This version is particularly suitable for public areas and the supply of temporary installations.

⊕

Surfaces

The floor socket GES R2 with tube body stands out through its compact shape and discreet design. Four high-quality surfaces are available: Nickel, brass, chromium and copper.

Floor socket GES R2 with hinged cover for dry-cleaned floors

The floor socket GES R2 with hinged cover stands out through its fine design. It is the perfect solution for high-quality floor coverings, which are dry-cleaned.

Hinged cover

The locking function of the hinged cover allows a secure outlet for the cable routing. When closed, the floor socket is even suitable for wet cleaning.

Surfaces

The version with hinged cover is available in the colours chromium, brass, old brass and old copper.
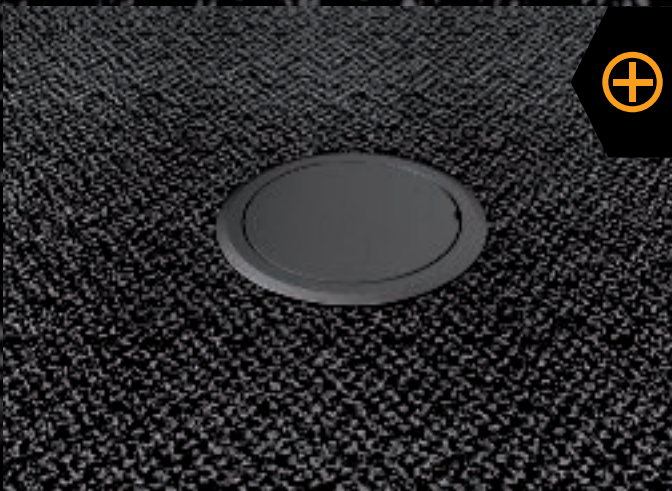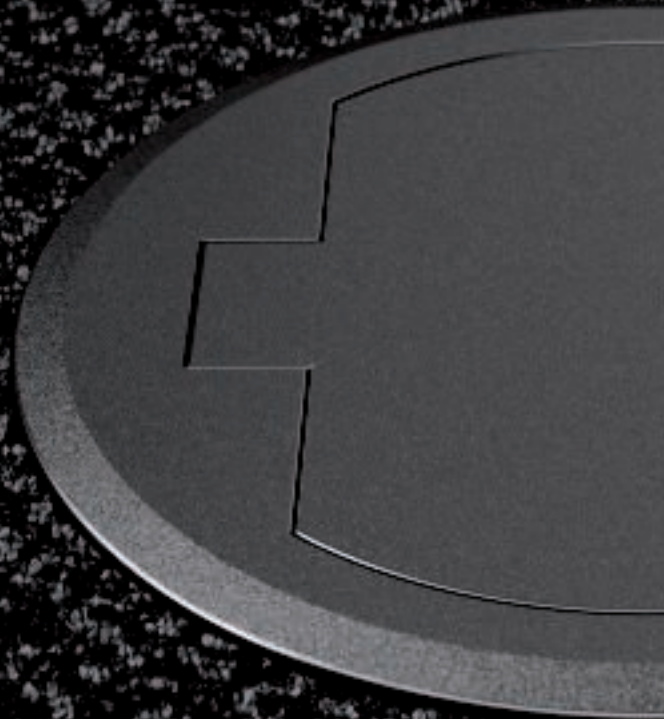
Floor socket GES R2 for offices and administration

The plastic GES R2 variants are particularly suitable for construction projects, which use carpet as the floor covering. Typical areas of application are office and administrative buildings.

Lid versions

Two lid variants are available: The lid variant with cord outlet provides a permanent cable outlet to supply the electrical resources. The version with blanking lid, which can only be opened with a screwdriver, protects against unintentional third-party access.

Protective frame

The floor covering protection frame protects the carpet against damage and prevents wear at the cut edges of the carpet.

⊕

⊕

Colours

The plastic floor sockets are available in the colours iron grey or graphite black.

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Installation socket for Modul 45

The installation socket for GES R2 service outlets accepts Modul 45 devices. After the routing of the electrical installation, the installation socket is inserted in the screed box.

Separation of different current types

⊕

The large installation socket offers separate installation spaces for heavy current connections and data or multimedia connections.

Functional

⊕

The installation socket possesses break-out cable entries and an integrated strain relief.

08 UFS GESR2 2016_mit Produkte_Guideline_Fem (11/07/2017 / ALL/Export / 020843) 11/07/2017

Varied installation options

The pre-equipped installation socket, which contains a double socket of the Modul 45 series, is suitable for standard applications. The variant for two single Modul 45 devices offers a great amount of installation flexibility. The installation space is separated here. This allows simultaneous installation of sockets, data and multimedia connections, such as HDMI or VGA.

⊕ Solid hold

The fixing bracket is used to fasten the installation socket in raised and cavity floors or in the screed box.

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Installation in the screed box

The GES R2 floor sockets are installed in the screed in the compact screed box. The screed box possesses a stabile pressure acceptance plate, whose frame serves as the screed drip edge. The mounting protection lid of the screed box is knocked out after the screed work has been completed. This makes the installation opening for the service outlet accessible.

Connection

Cables are routed via flexible installation pipes in the insulation layer of the screed construction. The screed box possesses four break-out pipe entries.

Screed-flush drip edge

The outlet edge of the screed box ensures sufficient stability and load dissipation in the area. The installation socket and the service outlet are installed after the floor covering work has been carried out.
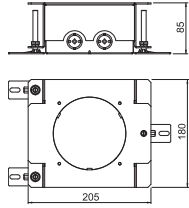
Height-adjustment

Using a simple 3-point height-adjustment, the screed box can be adjusted exactly to the top edge of the screed. The height-adjustment ranges from 85 to 130 mm.

Screed box for GES R2

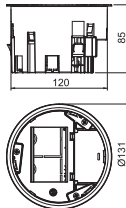| Type	Screed height mm	Installation diameter	Pack. pcs	Weight kg/100 pcs.	Item No.
UD GES R2	85 - 130	122	1	218.000	7428526

St Steel /pc.
FS Strip-galvanised

Height-adjustable screed box for the installation of the installation socket of the GES R2 floor socket.
With 2x2 insertion openings for installation pipes (M20/M25).

Installation socket, 1,5 empty

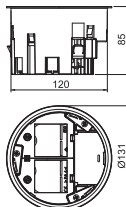| Type	Installation depth mm	Pack. pcs	Weight kg/100 pcs.	Item No.
MT R2 1.5	85	1	19.500	7408836

PA Polyamide /pc.

Installation socket for GES R2 floor socket for mounting in UD GES R2 screed box and in raised floor plates.

Included in the delivery is a cover plate for the installation of 1.5x Modul 45 sockets (BS, SA). Up to two modular data sockets (Keystones) can be installed with optional mounting plate.

Installation socket, 1+1 empty

Type	Installation depth mm	Pack. pcs	Weight kg/100 pcs.	Item No.
MT R2 1-1	85	1	19.800	7408838

PA Polyamide /pc.

Installation socket for GES R2 floor socket for mounting in UD GES R2 screed box and in raised floor plates.

The scope of supply contains a partition and two cover plates for the installation of individual Modul 45 devices. Up to two modular data sockets (Keystones) can be installed with optional mounting plate.
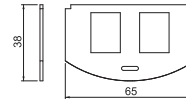
Mounting plate for data technology, type A

Type	Pack. pcs	Weight kg/100 pcs.	Item No.
MP R2 2A	1	1.960	**7408802**

V2A Stainless steel, grade 304 /pc.

Mounting plate to accept two data connection modules of the following types: AMP TYCO: Standard 110Connect, SL Series 110Connect and Toolless, AMP-Twist; Brand-Rex: unshielded; GG45; TKM RJ MOD; Nexans: LANmark with Adapter-Clip; Siemon CAT6; 3M K6 and K10.
Dimensions of a mounting opening in mm: 20.10 x 14.80.
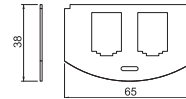
Mounting plate for data technology, type B

Type	Pack. pcs	Weight kg/100 pcs.	Item No.
MP R2 2B	1	1.940	**7408804**

V2A Stainless steel, grade 304 /pc.

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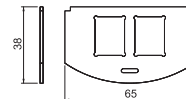
Mounting plate for data technology, type C

Type	Pack. pcs	Weight kg/100 pcs.	Item No.
MP R2 2C	1	1.950	**7408806**

V2A Stainless steel, grade 304 /pc.

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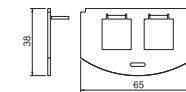
Mounting plate for data technology, type F

Type	Pack. pcs	Weight kg/100 pcs.	Item No.
MP R2 2F	1	2.190	**7408808**

V2A Stainless steel, grade 304 /pc.

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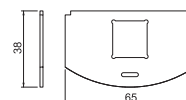
Mounting plate for data technology, type LE

Type	Pack. pcs	Weight kg/100 pcs.	Item No.
MP 2R LE	1	2.250	**7408810**

V2A Stainless steel, grade 304 /pc.

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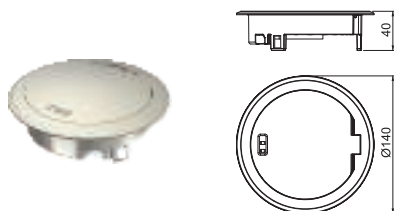Dimensions of a mounting opening in mm: 18.30 x 17.20.

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Hinged cover with locking slider for GES R2 floor socket for direct installation in the MT R2 installation socket. When closed, the floor socket fulfils the requirement of EN 50085-2-2 for wet-cleaned floors.

Hinged cover with locking slider

Type	Pack. pcs	Weight kg/100 pcs.	Item No.
GES R2 Ni	1	58.500	**7408850**

Zn Die-cast zinc   /pc.

N Nickel-plated

Hinged cover with locking slider for GES R2 floor socket for direct installation in the MT R2 installation socket.
When closed, the floor socket can be wet-cleaned.

Hinged cover with locking slider

Type	Pack. pcs	Weight kg/100 pcs.	Item No.
GES R2 CuZn	1	58.500	**7408852**

Zn Die-cast zinc   /pc.

CuZn Brass-coated

Hinged cover with locking slider for GES R2 floor socket for direct installation in the MT R2 installation socket.
When closed, the floor socket can be wet-cleaned.
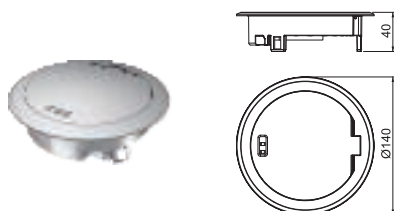
Hinged cover with locking slider

Type	Pack. pcs	Weight kg/100 pcs.	Item No.
GES R2 Cu	1	58.500	**7408854**

Zn Die-cast zinc   /pc.

Cu Copper-plated

Hinged cover with locking slider for GES R2 floor socket for direct installation in the MT R2 installation socket.
When closed, the floor socket can be wet-cleaned.

Hinged cover with locking slider

Type	Pack. pcs	Weight kg/100 pcs.	Item No.
GES R2 Cr	1	58.500	**7408856**

Zn Die-cast zinc   /pc.

CR Chrome-plated

Hinged cover with locking slider for GES R2 floor socket for direct installation in the MT R2 installation socket.
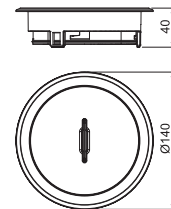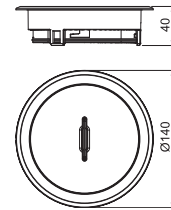When closed, the floor socket can be wet-cleaned.

Tube body with handle clamp for GES R2 floor socket for direct installation in the MT R2 installation socket. The tube body fulfils the requirements of EN 50085-2-2 for wet-cleaned floors, also when opened.

Tube body with handle clamp

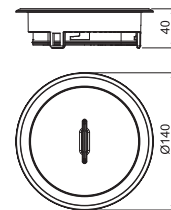| Type	Pack. pcs	Weight kg/100 pcs.	Item No.
GES R2T Ni	1	114.100	**7408860**

Zn Die-cast zinc /pc.
N Nickel-plated

Tube body with handle clamp for GES R2 floor socket for direct installation in the MT R2 installation socket.
The tube body fulfils the requirements of EN 50085-2-2 for wet-cleaned floors, also when opened.

Tube body with handle clamp

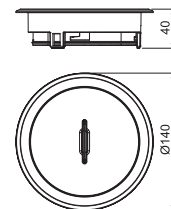| Type	Pack. pcs	Weight kg/100 pcs.	Item No.
GES R2T CuZn	1	114.100	**7408862**

Zn Die-cast zinc /pc.
CuZn Brass-coated

Tube body with handle clamp for GES R2 floor socket for direct installation in the MT R2 installation socket.
The tube body fulfils the requirements of EN 50085-2-2 for wet-cleaned floors, also when opened.

Tube body with handle clamp

Type	Pack. pcs	Weight kg/100 pcs.	Item No.
GES R2T Cu	1	114.100	**7408864**

Zn Die-cast zinc /pc.
Cu Copper-plated

Tube body with handle clamp for GES R2 floor socket for direct installation in the MT R2 installation socket.
The tube body fulfils the requirements of EN 50085-2-2 for wet-cleaned floors, also when opened.
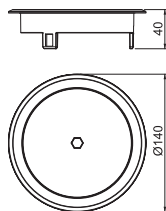
Tube body with handle clamp

Type	Pack. pcs	Weight kg/100 pcs.	Item No.
GES R2T Cr	1	114.100	**7408866**

Zn Die-cast zinc /pc.
CR Chrome-plated

Tube body with handle clamp for GES R2 floor socket for direct installation in the MT R2 installation socket.
The tube body fulfils the requirements of EN 50085-2-2 for wet-cleaned floors, also when opened.
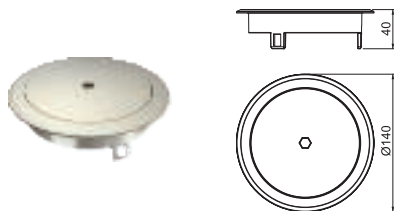
Blanking lid with Allen slot for GES R2 floor socket for direct installation in the MT R2 installation socket. The lid exit can be used as a cable outlet. When closed, the floor socket fulfils the requirement of EN 50085-2-2 for wet-cleaned floors.

Service outlet, blank, with Allen slot
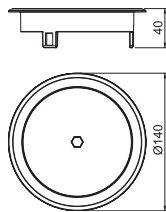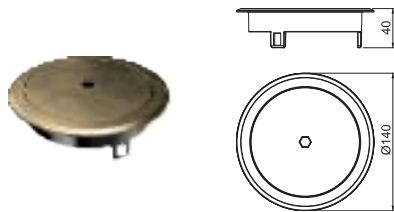
Type			Pack. pcs	Weight kg/100 pcs.	Item No.
GES R2B Ni			1	58.200	**7408870**

Zn Die-cast zinc /pc.

N Nickel-plated

Blanking lid with Allen screw with locking slider for GES R2 floor socket for direct installation in the MT R2 installation socket.
The lid version can be used as a cable outlet.
When closed, the floor socket can be wet-cleaned.
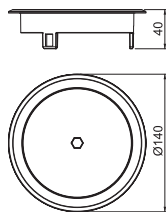
Service outlet, blank, with Allen slot

Type			Pack. pcs	Weight kg/100 pcs.	Item No.
GES R2B CuZn			1	58.200	**7408872**

Zn Die-cast zinc /pc.

CuZn Brass-coated

Blanking lid with Allen screw with locking slider for GES R2 floor socket for direct installation in the MT R2 installation socket.
The lid version can be used as a cable outlet.
When closed, the floor socket can be wet-cleaned.
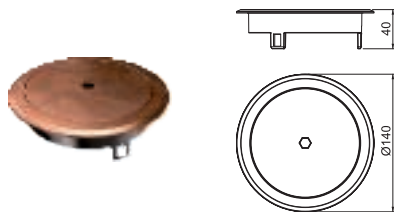
Service outlet, blank, with Allen slot

Type			Pack. pcs	Weight kg/100 pcs.	Item No.
GES R2B Cu			1	58.200	**7408874**

Zn Die-cast zinc /pc.

Cu Copper-plated

Blanking lid with Allen screw with locking slider for GES R2 floor socket for direct installation in the MT R2 installation socket.
The lid version can be used as a cable outlet.
When closed, the floor socket can be wet-cleaned.
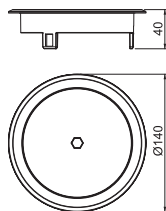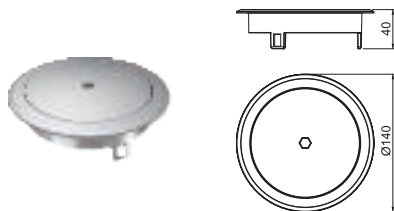
Service outlet, blank, with Allen slot

Type			Pack. pcs	Weight kg/100 pcs.	Item No.
GES R2B Cr			1	58.200	**7408876**

Zn Die-cast zinc /pc.

CR Chrome-plated

Blanking lid with Allen screw with locking slider for GES R2 floor socket for direct installation in the MT R2 installation socket.
The lid version can be used as a cable outlet.
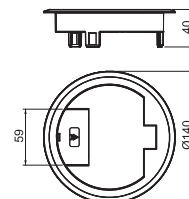When closed, the floor socket can be wet-cleaned.

Hinged cover with cord outlet for GES R2 floor socket for direct installation in the MT R2 installation socket. For use in dry-cleaned floors.

Hinged cover with cord outlet

Type	Colour	Pack. pcs	Weight kg/100 pcs.	Item No.
GES R2 9011	Graphite black	1	8.800	**7405084**

PA Polyamide /pc.

Hinged cover with cord outlet for GES R2 floor socket for direct installation in the MT R2 installation socket.
For use in dry-cleaned floors.

Hinged cover with cord outlet

Type	Colour	Pack. pcs	Weight kg/100 pcs.	Item No.
GES R2 7011	Iron grey	1	8.800	**7405082**

PA Polyamide /pc.

Hinged cover with cord outlet for GES R2 floor socket for direct installation in the MT R2 installation socket.
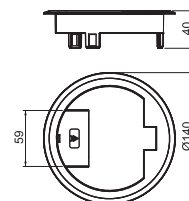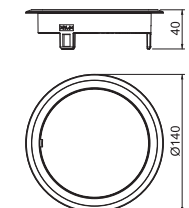For use in dry-cleaned floors.

Service outlet, blank, without floor covering recess

Type	Colour	Pack. pcs	Weight kg/100 pcs.	Item No.
GES R2B 7011	Iron grey	1	8.150	**7405086**

PA Polyamide /pc.

Blanking lid with cord outlet for GES R2 floor socket for direct installation in the MT R2 installation socket.
For use in dry-cleaned floors.

Service outlet, blank, without floor covering recess

Type	Colour	Pack. pcs	Weight kg/100 pcs.	Item No.
GES R2B 9011	Graphite black	1	8.150	**7405088**

PA Polyamide /pc.

Blanking lid with cord outlet for GES R2 floor socket for direct installation in the MT R2 installation socket.
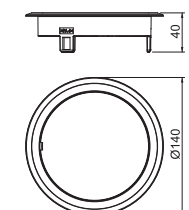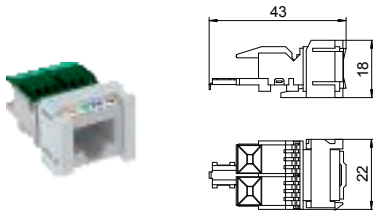For use in dry-cleaned floors.
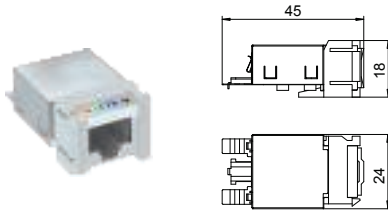
Connection module Cat. 5, unshielded, Snap-In

Type	Pack. pcs	Weight kg/100 pcs.	Item No.
ASM-C5 S	1	1.120	6117347

/pc.

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

Connection module Cat. 5, shielded, Snap-In

Type	Pack. pcs	Weight kg/100 pcs.	Item No.
ASM-C5 GS	1	1.920	6117343

/pc.

Connection module Cat. 5e shielded, with a RJ45 slot. Including an EMC screen hood, a dust cover, a cable tie, a snap-in fastening frame and mounting instructions. Suitable for installation in support plates, type MTM 2C and MTM 3C, mounting plate type MPR2 2C, mounting support type MTGE2 2C, MTGE2 15 2C and MTGE2 F 2C.
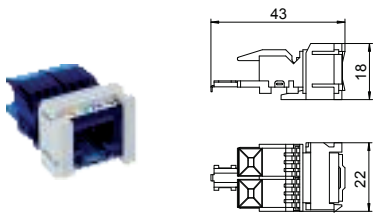
Connection module Cat. 6, unshielded, Snap-In

Type	Pack. pcs	Weight kg/100 pcs.	Item No.
ASM-C6 S	1	1.060	6117349

/pc.

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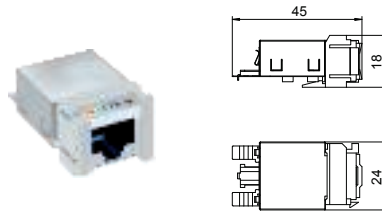
Connection module Cat. 6, shielded, Snap-In

Type	Pack. pcs	Weight kg/100 pcs.	Item No.
ASM-C6 GS	1	1.850	6117345

/pc.

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

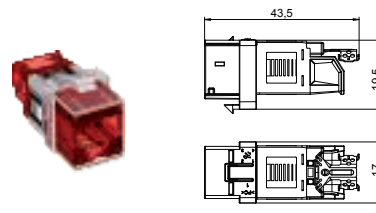## Connection module Cat. 6A, unshielded, Snap-In

Type	Pack. pcs	Weight kg/100 pcs.	Item No.
ASM-C6A	1	1.050	6117348

/pc.

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

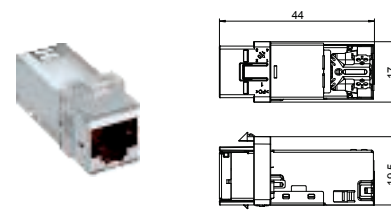## Connection module Cat. 6A, shielded, Snap-In

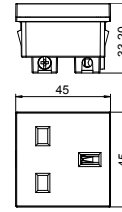| Type	Pack. pcs	Weight kg/100 pcs.	Item No.
ASM-C6A G	1	1.630	6117346

/pc.

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

Socket 0°, British Standard, single

Type	Colour	Pack. pcs	Weight kg/100 pcs.	Item No.
STD-BS0 RW1	Pure white	1	4.000	**6120722**

PC Polycarbonate /pc.

Socket, single 0°, British Standard, conforming to BS 1363, with increased touch protection, with screw terminals, 2-pin, 13 A, 250 V~.
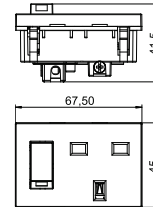
Socket 0° with switch, British Standard, single

Type	Colour	Pack. pcs	Weight kg/100 pcs.	Item No.
STD-BS0G RW1.5	Pure white	1	6.000	**6120724**

PC Polycarbonate /pc.

Socket, single 0°, with switch, British Standard, conforming to BS 1363, with increased touch protection, with screw terminals, 2-pin, 13 A, 250 V~.
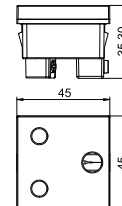
Socket 0°, South Africa/India, 15 A, single

Type	Colour	Pack. pcs	Weight kg/100 pcs.	Item No.
STD-SA0 RW1	Pure white	1	5.000	**6120730**

PC Polycarbonate /pc.

Socket, single 0°, South Africa/India, conforming to BS 546, with increased touch protection, with screw terminals, 2-pin, 16 A, 250 V~.
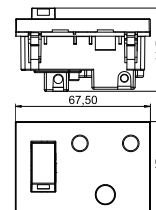
Socket 0° with switch, South Africa/India, 15 A, single

Type	Colour	Pack. pcs	Weight kg/100 pcs.	Item No.
STD-SA0G RW1.5	Pure white	1	6.700	**6120734**

PC Polycarbonate /pc.

Socket, single 0°, with switch, South Africa/India, conforming to BS 546, with increased touch protection, with screw terminals, 2-pin, 16 A, 250 V~.
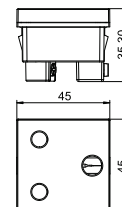
Socket 0°, South Africa/India, 15 A, encoded version, single

Type	Colour	Pack. pcs	Weight kg/100 pcs.	Item No.
STD-SA0K SRO1	Signal red	1	5.000	**6120732**

PC Polycarbonate /pc.

Socket, single 0°, South Africa/India, encoded version, conforming to BS 546, with increased touch protection, with screw terminals, 2-pin, 16 A, 250 V~.
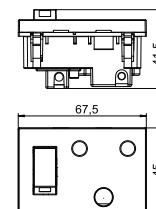
Socket 0°, with switch, South Africa/India, 15 A, encoded version, single

Type	Colour	Pack. pcs	Weight kg/100 pcs.	Item No.
STD-SA0GK SRO1.5	Signal red	1	6.700	**6120736**

PC Polycarbonate /pc.

Socket, single 0°, with switch, South Africa/India, encoded version, conforming to BS 546, with increased touch protection, with screw terminals, 2-pin, 16 A, 250 V~.

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