

Underfloor distributor systems 2

0209/4

Distributing energy - efficiently and discretely



Energy
efficiently
and
discretely

Your wish is our command

Our underfloor distributor systems – An overview



PIAZZA: page 4-7

Features

- Load capacity: Class D400 (40 t)
- Installation depth: min. 1000 mm
- Operating mode: closed
- Cover: 700x700x70 mm, can be filled up with any material
- Distributor box: max. type 7800



VESUVIO: page 12-14

Features

- Load capacity: Class D400 (40 t)
- Installation depth: min. 610 mm
- Operating mode: closed
- Cover: Ø 605 mm, cast-metal cover, complete
- Distributor box: max. type 7700



PICCOLINO: page 8

Features

- Load capacity: Class C250 (25 t)
- Installation depth: min 400 mm
- Operating mode: closed
- Cover: 200x200



PIAZZETTA: page 15-19

Features

- Load capacity: Class B125 (12,5 t), C250 (25 t)
- Installation depth: min 1000 mm
- Operating mode: open, with step protection
- Cover: can be filled up with any material
- Distributor box: max. 2x type 7800

PIAZZETTA applications in practice



PICCOLO: page 9-11

Features

- Load capacity: Class D400 (40 t)
- Installation depth: min 750 mm
- Operating mode: closed
- Cover: 540x540x50 mm, can be filled up with any material
- Distributor box: max. Typ 3020



CAMPO: page 20-22

Features

- Load capacity: up to Class B 125 (12,5 t)
- Installation depth: min 760 mm
- Operating mode: open, with step protection
- Cover: Checker plate

Choice of types:

CAMPO 600

- Casing 400x600x760 mm
- Distributor box: max. 1x KSV 7800

CAMPO 400

- Casing 400x440x760 mm
- Distributor box: max. 1x KSV 7700

Our underfloor distributor systems – An overview



CAMPETTO: page 23-31

Features

- Load capacity: Class B125 (12.5 t), C250 (25 t)
- Installation depth: from 200 mm, variable
- Operating mode: open or closed
- Cover: Reservoir or checker platecover

Choice of types:

CAMPETTO 1

- Checker plate cover, open operating mode

CAMPETTO 2

- Checker plate cover, closed operating mode

CAMPETTO 3

- Cover can be filled up with any material, open operating mode

CAMPETTO 4

- Cover can be filled up with any material, closed operating mode

CAMPETTO 5

- Checker plate cover, closed operating mode, frame open at the bottom

CAMPETTO 6

- Cover can be filled up with any material, closed operating mode, frame open at the bottom

CAMPETTO 7

- Checker plate cover, closed operating mode, fitting on standardised concrete tube D600/800

CAMPETTO 8

- Cover can be filled up with any material, closed operating mode, fitting on standardised concrete tube D600/800

Based on these varied and customised constructions, we cannot list any specific items here. Please tell us your requests and requirements.

CAMPETTO: Installation and applications



MOBILE: page 32-33

Features

- Load capacity: up to class B 125 (12.5 t)
- Installation depth: from approx. 400 mm
- Operating mode: Distributor box in position
- Cover: variable

Practical examples: page 34-35

Standards and applications

Applications	Light traffic		Slow heavy traffic		Fast heavy traffic	
Europ. standards	B 125		C 250		D 400	
Test load capacity in kN	125		250		400	
Test load capacity in t	12,5		25		40	
Wheel pressure	3	5	7,5	10	10	20
User zones						
Pedestrian zones	•	•				
Pavements	•	•				
Car parks	•	•				
Hard shoulders	•	•	•	•		
Slow traffic lanes	•	•	•	•		
Heavy traffic				•	•	•
Fast traffic					•	•
Works					•	•
Airports					•	•
Ports					•	•

Underfloor distributor system: type *PIAZZA*



Example: Forecourt of ice stadium, SCL Tigers, Langnau

Solid stainless steel construction approx. 700 x 700 mm, load capacity up to 400 kN, gas spring for easier opening, can be filled up with any material, custom-designed distributor boxes.

- Cover and frame made from stainless steel
- Cover can be filled up with any material for matching with the surrounding area
- For power, water and compressed air connections
- Load capacity class D 400 (40 t)
- Cable flap for the connection line outlet when closed
- Simple opening and closing in just seconds thanks to gas springs
- Withstands foot and vehicle traffic during operation
- GIFAS hard rubber distributor boxes: Individual component fitting according to customer requirements, technical conditions and regulations
- High level of operational safety by locking again after use. This provides optimum safety for pedestrians and for stationary and slow-moving road traffic and protection against unauthorised access.

⇒ Applications:

Squares, event halls, industrial halls, yards, pedestrian zones, car parks, parking spaces, hangars and anywhere where power distribution is provided as required and can then be easily lowered into the floor.

⇒ Properties

- Robust, easy to use and safe in operation
- Can be ideally matched to the surrounding area as it can be filled up with any material.
- The GIFAS hard rubber distributor box ensures maximum operational safety (max. type 7800)
- No problems with condensed water
- Resistant to environmental influences
- Low maintenance costs



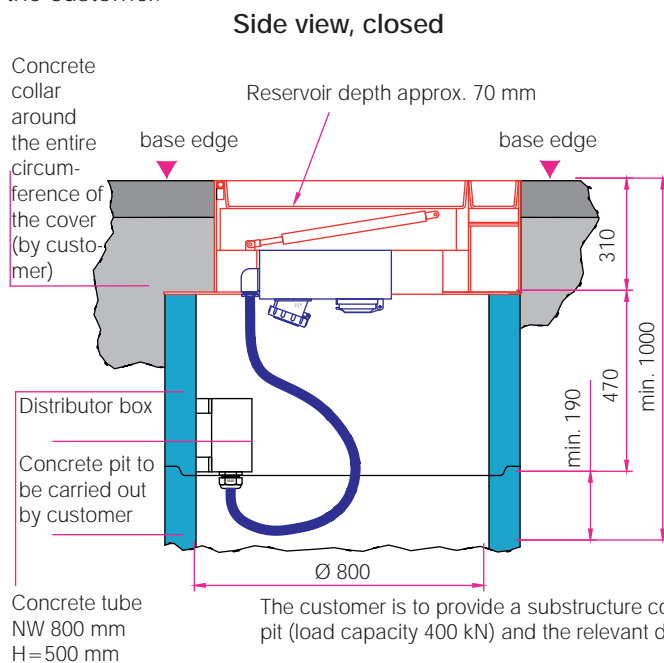
PIAZZA: Components included and technical information

⇒ GIFAS components included

The entire stainless steel construction with pit cover, which can be filled up, including electrical distribution and connection socket is assembled and supplied on a concrete tube (H=470 mm, NW 800 mm).

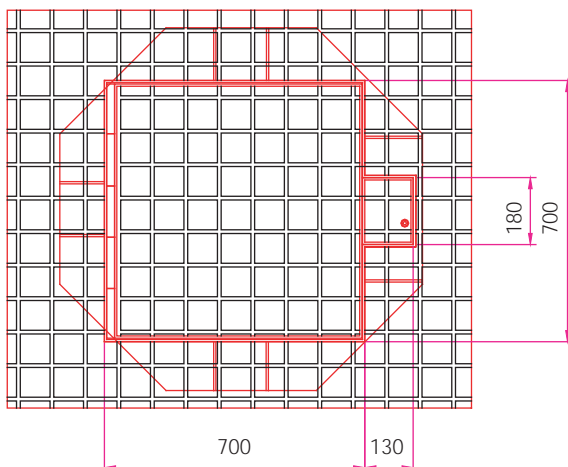
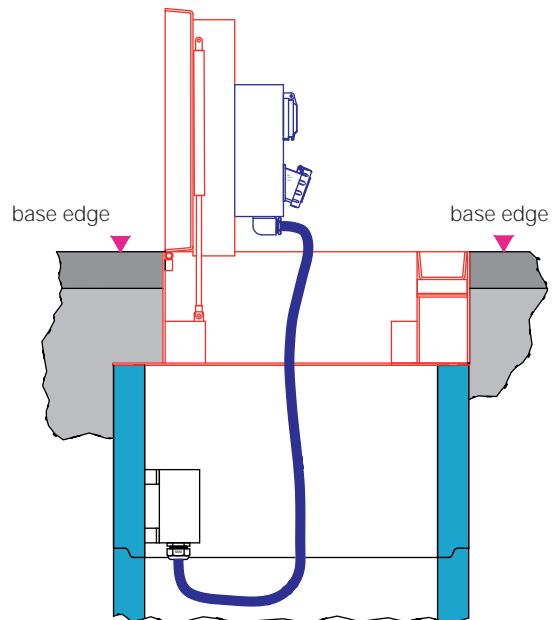
⇒ Work to be completed by the customer

The customer is required to fill up the reservoir cover and to provide the concrete tube.
 The pit cover is not sealed against surface water, which means that sufficient drainage of the pit should be provided by the customer. The excavation work and the correct assembly of the construction (GIFAS components included) conforming to standards must be carried out by the customer. This also applies to filling up the reservoir. The connection socket is fitted onto the concrete tube by the customer.



The customer is to provide a substructure conforming to standards, the correct assembly of the pit (load capacity 400 kN) and the relevant drainage.

Side view, open



⇒ Technical information

The insertion piece for cable-exit is integrated into the pit cover frame: 180x130 mm

Filling up of the pit cover: The reservoir with a depth of 70 mm can be filled up with any material required to match the surrounding area

Pit cover lock: The lock is fitted underneath the cable exit flap.

Heating: A self-regulating heating strip is positioned in the pit cover to ensure simple opening even in frost.

PIAZZA: Switchgear combination, connection set



⇒ Switchgear combination

The fitting of the GIFAS hard rubber distributor box is carried out according to customer requirements, technical conditions and regulations.

- The example given conforms to the maximum component fitting
- Maximum size of the connection socket line – distributor box is 5x25 mm²

The GIFAS hard rubber distributor box ensures maximum operational safety, no condensed water problems and resistance to environmental influences.

Customised solutions – our strength!

For examples, please see our documentation index 1.

⇒ Connection set

Connection socket, prepared with mounting plate for fixing onto the concrete tube, fitted with flexible cable and screwed cable glands, matches the connection values.

Item no.	Description
10851	Connection set 3020 for underfloor distributor system with clamp web 5x16 mm ² , 2xKV M40
10852	Connection set 3800 for underfloor distributor system with clamp web 5x35 mm ² , 2xKV M50

Other examples and options on request.



⇒ Underfloor distributor

Item no.	Description
11471	Underfloor distributor <i>PIAZZA</i> complete, incl. concrete tube, excl. distributor box

PIAZZA: Installation and examples

Simple assembly and installation process:



Excavation of the hole based on our specified measurements



The standard concrete tube included and pre-mounted with the stainless steel construction is prepared for installation: Milling out an opening for the supply cable.



Sink the entire unit into the prepared pit using suitable equipment (crane).



Fit the unit and level off to the correct installation depth (level with asphalt).



Filling around and concrete in the base socket.



Filling up the reservoir cover with asphalt, match up the environment using the same filler material and adjust the height to the upper reservoir part.



Example: Market square, Anif (A)



Example: Forecourt of ice stadium, SCL Tigers, Langnau

Underfloor distributor system: type *PICCOLINO*



Solid stainless steel construction 200 x 200 mm, load capacity up to 250 kN, with tube Ø 180 mm.

- The surface of the cover is made channelled sheet (nonslip)
- To lock with a recessed, cover-flat stand-off square 8 mm made of stainless steel
- Load capacity class C (250 kN)
- Cable flap for the connection line outlet up to Ø 25 mm provided in the pit cover
- Equipping according to customers request, either
 - 1 pce. coupling T13/T23
 - 1 Stk. CEE-coupling 5 x 16A 400V (IP67) or
 - 1 Stk. CEE-coupling 5 x 32A 400V (IP67)
- High level of operational safety by locking again after use. This provides optimum safety for pedestrians and for stationary and slow-moving road traffic and protection against unauthorised access.

⇒ Applications:

Squares, event halls, industrial halls, yards, pedestrian zones, car parks, parking spaces - for maintenance of weekly markets, christmas illumination as well as christmas tree illuminations via an isolation transformer - and anywhere where power distribution is provided as required and can then be easily lowered into the floor.

⇒ Properties

- Robust, easy to use and safe in operation

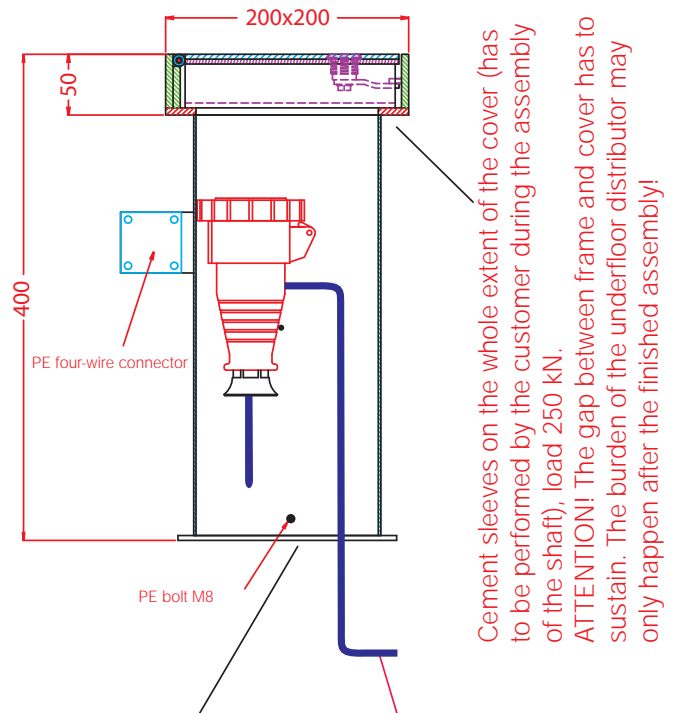
⇒ GIFAS components included

- The stainless steel construction with shaft cover made of channelled sheet will be delivered ready for connection

⇒ Underfloor distributor

Item no.	Description
23831	Underfloor distributor <i>PICCOLINO</i> complete, excl. coupling

Side view, closed



The client has to take care of an appropriate standardized substruction, a professional assembly of the shaft (load 250 kN) as well as a respective drainage

2 m GIFAS PROFLEX 5 x 2,5 mm² incl. shrink-on sleeve für press-connectors up to 6 mm² (the cable has to be connected by the customer)

Underfloor distributor system: type *PICCOLO*



Solid stainless steel construction approx. 540 x 540 mm, load capacity up to 400 kN, gas spring for easier opening, pit cover can be filled up with any material required (reservoir depth 50 mm), custom-designed distributor boxes.

- Cover and frame made from stainless steel
- Cover can be filled up with any material required for matching with the surrounding area
- For power and water connections
- Load capacity class D 400 (40 t)
- Cable flap for the connection line outlet when closed
- Simple opening and closing in just seconds thanks to gas springs
- Withstands foot and vehicle traffic during operation
- GIFAS hard rubber distributor boxes: Individual component fitting according to customer requirements, technical conditions and regulations
- High level of operational safety by locking again after use. This provides optimum safety for pedestrians and for stationary and slow-moving road traffic and protection against unauthorised access.

⇒ Applications:

Squares, event halls, industrial halls, yards, pedestrian zones, car parks, parking spaces and anywhere where power distribution is provided as required and can then be easily lowered into the floor.

⇒ Properties

- Robust, easy to use and safe in operation
- Can be ideally matched to the surrounding area as it can be filled up with any material.
- The GIFAS hard rubber distributor box ensures maximum operational safety (max. type 3020)
- No problems with condensed water
- Resistant to environmental influences
- Low maintenance costs



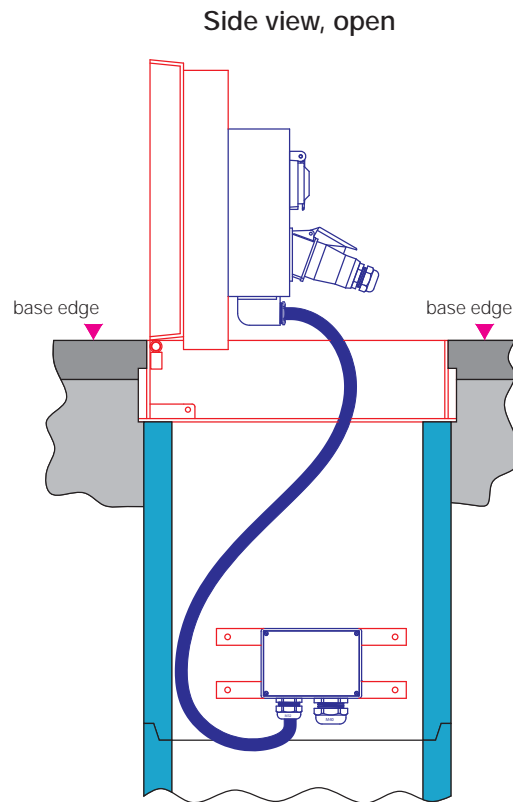
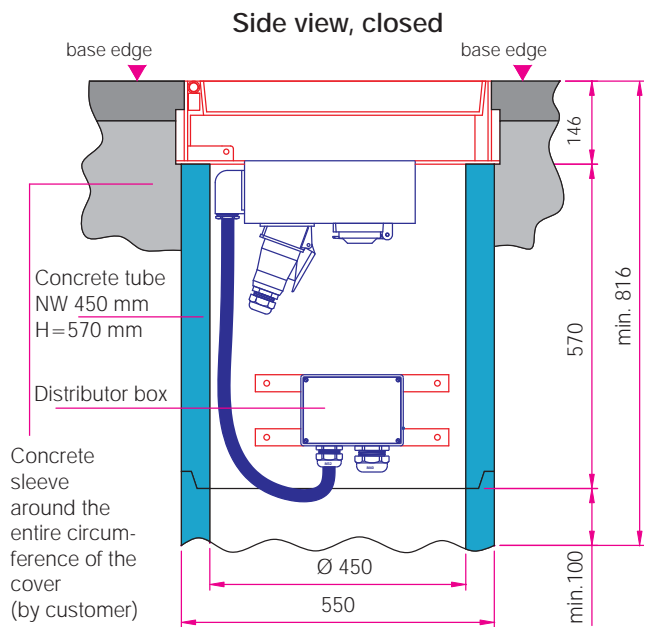
PICCOLO: Components included and technical information

⇒ GIFAS components included

The entire stainless steel construction, including pit cover, which can be filled up, distributor box and connection socket, is assembled and supplied on a concrete tube (H=570 mm, NW 450 mm).

⇒ Work to be completed by the customer

The customer is required to fill up the reservoir cover and to provide the concrete tube. The pit cover is not sealed against surface water, which means that sufficient drainage of the pit should be provided by the customer. The excavation work and the correct assembly of the construction (GIFAS components included) conforming to standards must be carried out by the customer. This also applies to filling up the reservoir. The connection socket is fitted onto the concrete tube by the customer.



The customer is to provide a substructure conforming to standards, the correct assembly of the pit (load capacity 400 kN and the relevant drainage).

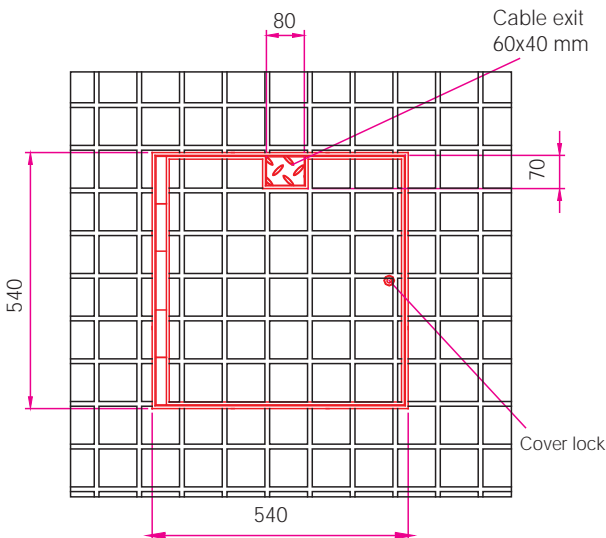
⇒ Technical information

Cover lock is provided by a rust-free, M10 hexagon screw recessed to the same level as the cover

The insertion piece for cable-exit is integrated into the pit cover frame: 80x70 mm

Cover filling up: The reservoir with a depth of 50 mm can be filled up with any material required to match the surrounding area

Heating: A self-regulating heating strip is positioned in the pit cover to ensure simple opening even in frost.



PICCOLO: Switchgear combination, connection set



⇒ Switchgear combination

The fitting of the GIFAS hard rubber distributor box is carried out according to customer requirements, technical conditions and regulations.

- Maximum fitting: Type 3020
- Maximum size of the connection socket line – distributor box is 5x10 mm²

The GIFAS hard rubber distributor box ensures maximum operational safety, no condensed water problems and resistance to environmental influences.

⇒ Connection set

Connection socket, prepared with mounting plate for fixing onto the concrete tube, fitted with flexible cable and screwed cable glands, matches the connection values.

Item no.	Description
10848	Connection set 2516 for underfloor distributor with clamp web 5x16 mm ² , 2xKV M32

Other examples and options on request.

⇒ Underfloor distributor

Item no.	Description
14304	Underfloor distributor <i>Piccolo</i> complete, incl. concrete tube, excl. distributor box



Underfloor distributor *Piccolo* ready for installation

Underfloor distributor system: type *VESUVIO*



Example: Weinfelden

Solid steel construction with round cover D=600 mm and dampening polyethylene insert, up to 400 kN load capacity, gas springs for easier opening, modified cast-metal cover, distributor boxes according to customer requirements.

- Cover and top ring made from cast-metal
- For power, water and compressed air connections
- Load capacity class D 400 (40 t)
- Cable flap for the connection line outlet when closed
- Simple opening and closing in just seconds thanks to gas springs
- Withstands foot and vehicle traffic during operation
- GIFAS hard rubber distributor boxes: Individual component fitting according to customer requirements, technical conditions and regulations
- High level of operational safety by locking again after use. This provides optimum safety for pedestrians and for stationary and slow-moving road traffic and protection against unauthorised access.

⇒ Applications:

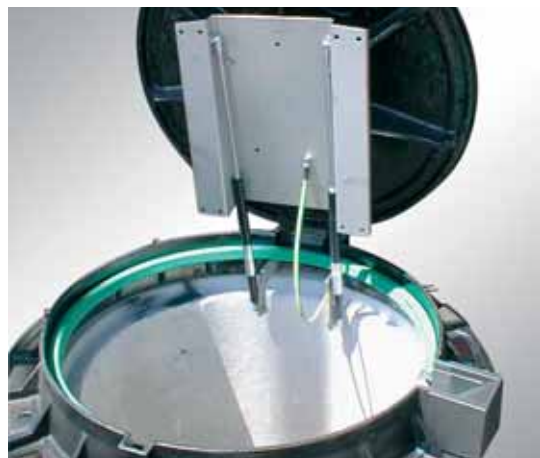
Squares, event halls, industrial halls, yards, pedestrian zones, car parks, parking spaces, hangars and anywhere where power distribution is provided as required and can then be easily lowered into the floor.



Example: Use in a haulage contractor yard

⇒ Properties

- Robust, easy to use and safe in operation
- The GIFAS hard rubber distributor box ensures maximum operational safety (max. type 7700)
- No problems with condensed water
- Resistant to environmental influences
- Low maintenance costs



Example: Top ring with mounting plate

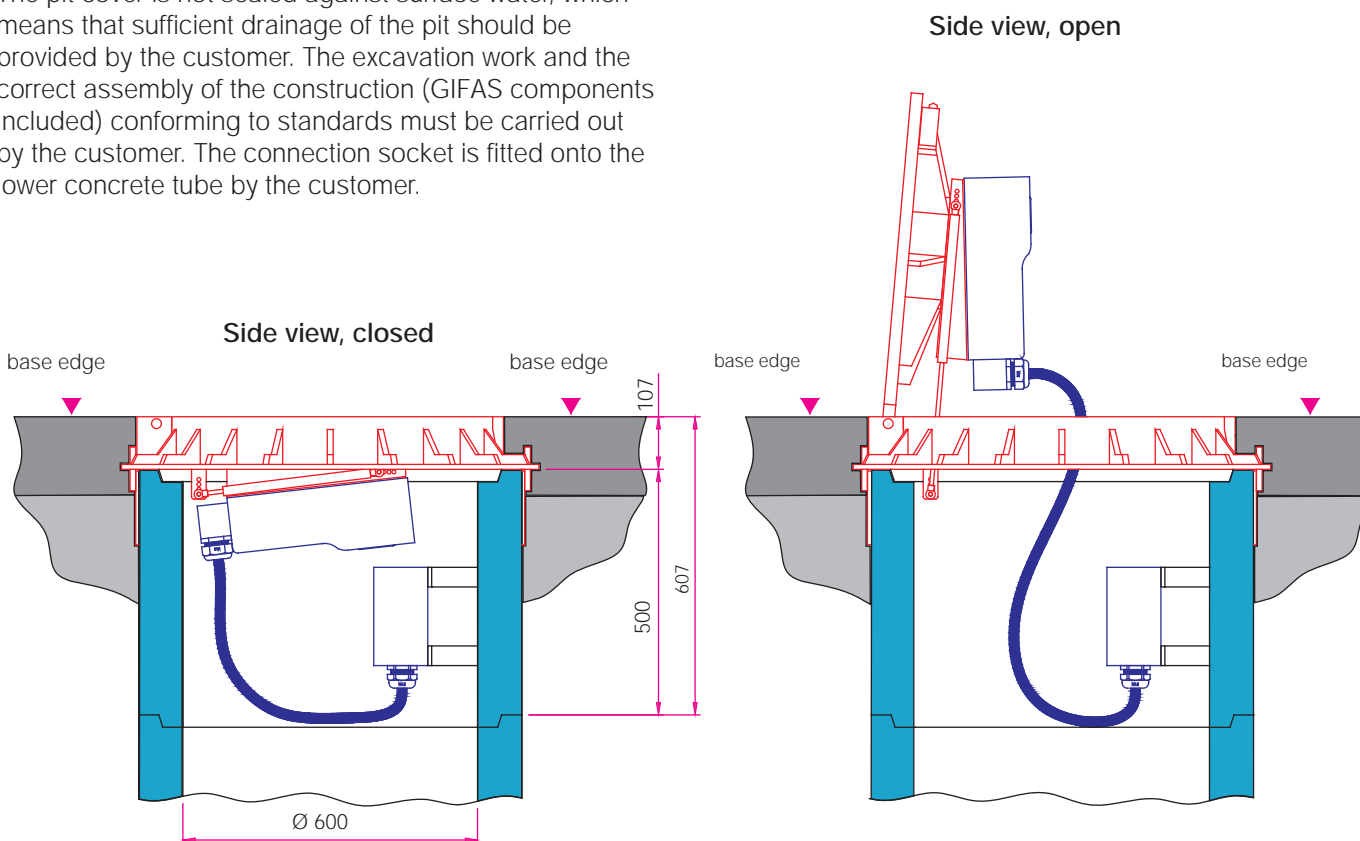
VESUVIO: Components included and technical information

⇒ GIFAS components included

The entire cast-metal pit cover, including distributor box and connection socket, is fitted and supplied on a concrete tube (H=500 mm, NW 600 mm).

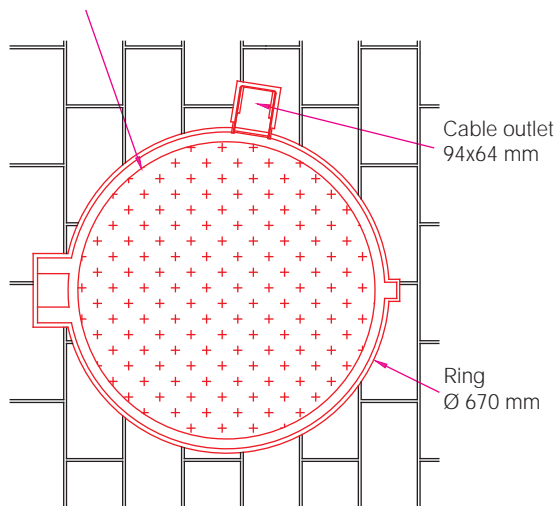
⇒ Work to be completed by the customer

The lower concrete tube needs to be provided by the customer.
 The pit cover is not sealed against surface water, which means that sufficient drainage of the pit should be provided by the customer. The excavation work and the correct assembly of the construction (GIFAS components included) conforming to standards must be carried out by the customer. The connection socket is fitted onto the lower concrete tube by the customer.



The customer is to provide a substructure conforming to standards, the correct assembly of the pit (load capacity 400 kN and the relevant drainage).

Pit cover
Ø 605 mm



⇒ Technical information

Cover lock is provided via an integrated spring bar lock

The insertion piece for cable-exit is integrated into the cast-metal frame: 96x64 mm

Cover surface is a cast-metal surface and can **not** be filled up

Connection cross-section: Maximum connection line 5x16 mm² from connection socket to distributor box

VESUVIO: Switchgear combination, connection set



⇒ Switchgear combination

The fitting of the GIFAS hard rubber distributor box is carried out according to customer requirements, technical conditions and regulations.

- The example given conforms to the maximum component fitting
- Maximum size of the connection line connection socket distributor box = cable 16 mm² flexible

The GIFAS hard rubber distributor box ensures maximum operational safety, no condensed water problems and resistance to environmental influences.

Customised solutions – our strength!

For examples, please see our documentation index 1.

⇒ Connection set

Connection socket, prepared with mounting plate for fixing onto the concrete tube, fitted with flexible hose and screwed cable glands, matches the connection values.

Item no.	Description
10848	Connection set 2516 for underfloor distributor system with clamp web 5x10 mm ² , 2xKV M32
10851	Connection set 3020 for underfloor distributor system with clamp web 5x16 mm ² , 2xKV M40

Other examples and options on request.



⇒ Underfloor distributor

Art.-Nr.	Beschreibung
10847	Underfloor distributor <i>VESUVIO</i> complete, incl. concrete tube, excl. distributor box
11473	Underfloor distributor <i>VESUVIO</i> complete, excl. concrete tube, excl. distributor box
20854	Locking device kit for <i>VESUVIO</i>

Underfloor distributor system: type *PIAZZETTA*



Example: *PIAZZETTA* ready for use

Robust stainless steel construction, painted red, cover can be filled up with any material, load capacity from B125 (12.5 t) to C250 (25 t), gas springs for automatic opening, GIFAS hard rubber distributor box according to customer requirements.

- Unfastening screw plug (square 12 mm) ⇒ Distributor system extend automatically
- All metal parts made from V2A, visible surfaces painted red
- Cover can be filled up and can therefore be matched to the surrounding area
- Load capacity class B125 (12.5 t), C250 (25 t)
- For power, water and compressed air connections
- Simple opening and closing in just seconds thanks to gas springs
- Can be fitted on both sides with distributor boxes
- GIFAS hard rubber distributor boxes: Individual component fitting according to customer requirements, technical conditions and regulations
- Remains extended in usage (step protection)

⇒ Applications:

Squares, event halls, industrial halls, yards, pedestrian zones, car parks, parking spaces, hangars and anywhere where power distribution needs to be available quickly and repeatedly. The underfloor distributor remain extended in usage (with step protection).

⇒ Properties

- Robust, easy to use and safe in operation
- The cover versions offer excellent options for matching to the surrounding area
- Can be ideally matched to the surrounding area as it can be filled up with any material.
- The GIFAS hard rubber distributor box ensures maximum operational safety (max. 2x type 7800)
- No problems with condensed water
- Resistant to environmental influences
- Low maintenance costs



PIAZZETTA: Components included and technical information

⇒ GIFAS components included

The entire lifting device, including distributor box, pit cover which can be filled up and connection socket (fully fitted onto the additional frame) is supplied by GIFAS. The top frame is also included.

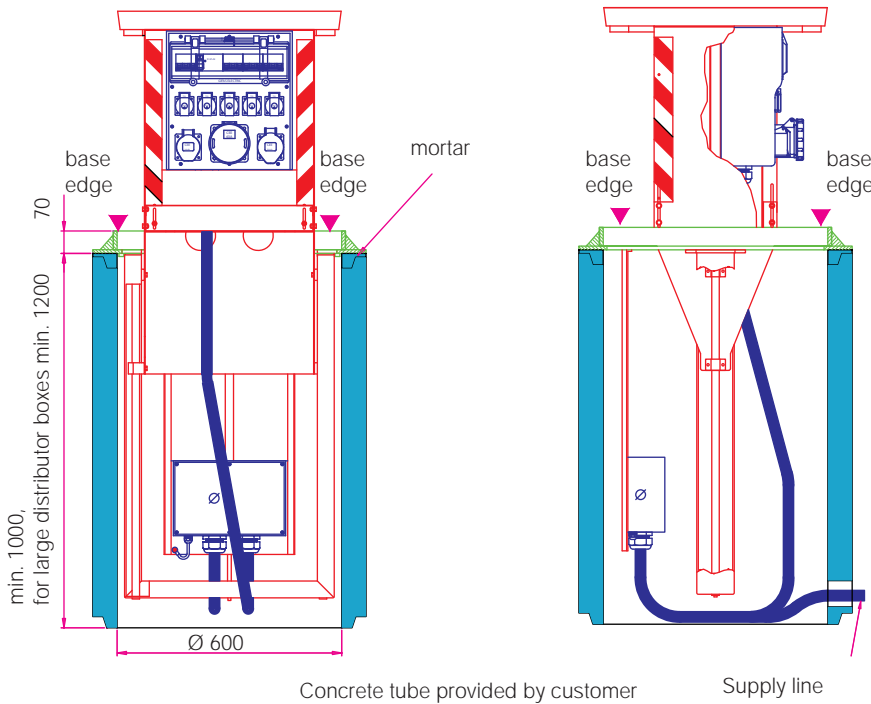
⇒ Work to be completed by the customer

The concrete tube needs to be provided by the customer. The pit cover is not sealed against surface water, which means that sufficient drainage of the pit should be provided by the customer. The excavation work and the correct assembly of the construction (GIFAS components included) conforming to standards must be carried out by the customer. This also applies to filling up the reservoir.

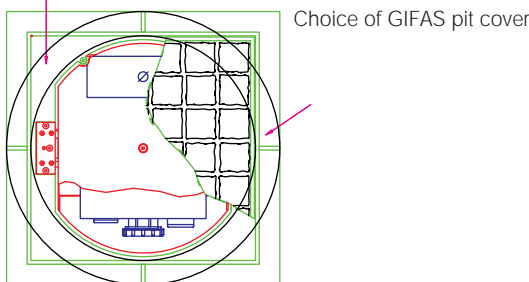
⇒ Technical information

- The *PIAZZETTA* 600 can be individually fitted on both sides with hard rubber distributor boxes.
- The excavation system with gas spring, guided on slide bearings with A2 steel shafts, permits automatic extension at any time.
- Adjustable step protection plates provide protection against false steps and dirt deposits in the pit when open.
- The connection socket is modified for the connection values and should be placed on a prepared support.
- Standard concrete tube can be used
- Top frame and pit cover for special GIFAS construction

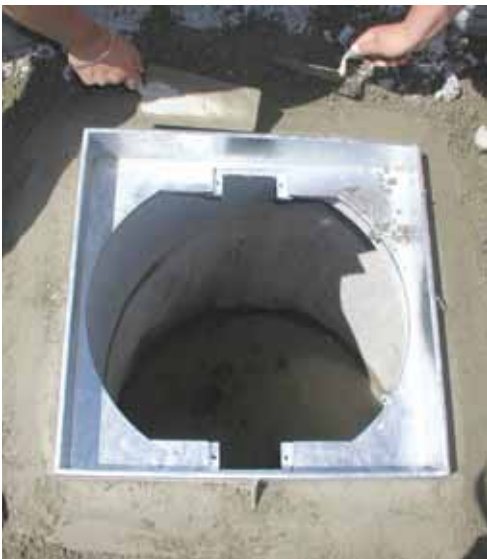
PIAZZETTA 600 / distributor box max. 2x type 7800



Concrete tube
NW 60 cm / 100 cm / 120 cm



PIAZZETTA: Fixed cover, with gas spring



⇒ Underfloor distributor

The entire unit consists of the cover (separate item, included with the top frame) and the lifting equipment in which a distributor box (fitted according to requirements) can be integrated on both sides. The entire unit is positioned in the top frame.

- Tried and tested construction, manufactured from V2A steel
- Visual surface area painted in signal colour (red RAL3020)
- Elegant and purpose-built design
- Special fitting instructions must be observed

Item no. Description

12986	Lifting device PIAZZETTA , two-sided for 2 x 7300/7700
23595	Lifting device PIAZZETTA , one-sided for 7400/7700
79288	Lifting device PIAZZETTA , two-sided for 2 x 7800/7900
18379	Lifting device PIAZZETTA , one-sided for 7800/7900

⇒ Top frame/cover

The top frame is placed onto the concrete tube and is used to house the entire lifting device (incl. fitted cover). This is also the first stage in fitting the underfloor distributor.

- The top frame/cover is manufactured from V2A steel.
- Cover with reservoir depth 55/75 mm
- Special fitting instructions must be observed!
- Special constructions possible

Item no. Description

60122	Top frame/reservoir cover V2A for type 600, B125(12.5t)
14205	Top frame/reservoir cover V2A for type 600, C250(25t)

⇒ Connection set

Connection socket with mounting plate for fixing onto the pit frame, fitted with flexible cable and screwed cable glands, matches the connection values.

Item no. Description

14311	Connection set 3020 for underfloor distributor with clamp web 5x35 mm ² , 2xKV M40
14313	Connection set 3800 for underfloor distributor with clamp web 5x70 mm ² , 2xKV M50

on request:

16146	Cover heating approx. 80 W with thermostat 5°C (-20...+30°)
13772	Square key 12 mm for lifting appliance
27352	Locking mechanism (down and in place condition)

Other examples and options on request.

⇒ Switchgear combination

The fitting of the hard rubber distributor box is carried out according to customer requirements, technical conditions and regulations.

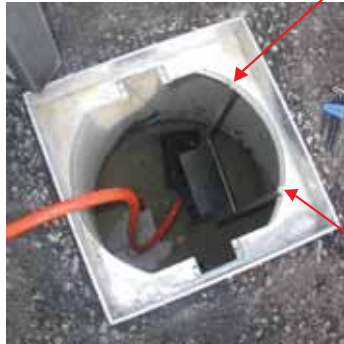
PIAZZETTA: Installation and examples



The top frame included is put on the pre-fitted concrete standard tube.



Prepared cable connection box with flexible supply line to the underfloor distributor.



Important for the alignment of the underfloor distributor is the correct position of the two eyes for housing the connection set.



The underfloor distributor can be inserted after connecting the flexible supply line to the connection box.



Fit the unit and screw on the guide rails.



The reservoir cover can be filled up with asphalt or any other material.



Fill in the frame with asphalt to install the fine layer. Final layer follows later on.



The strong gas springs prevent the underfloor distributor being retracted of their own accord.

PIAZZETTA: Practical applications

Redesign of the main square in front of the House of Parliament in Berne, Switzerland:

- Re-design into a car-free pedestrian zone – a place to meet up!
- Multi-functional positioning – events, concerts, ceremonies

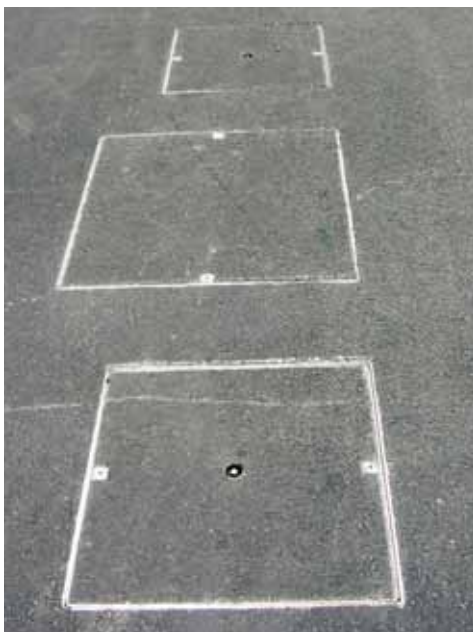


- Overall concept with public appeal and integrated water feature

Aim: A visually appealing yet discrete multiple use of our main square was the main priority.



Telescopic, gas spring-supported underfloor distributor system. Exceptionally unobtrusive integrated final product – can be extended quickly and simply!



Individual component fitting, with all the necessary power connection sockets, fuse and personal protection on-site or equipped with different microphone, audio and video plug-in systems



Underfloor distributor system: type *CAMPO*



Example: Basel airport, hangar

Stainless steel construction approx. 440/600 x 400 mm, with textured cover (checker plate), made from V2A steel, load capacity up to 125 kN, gas springs for automatic opening, GIFAS hard rubber distributor box according to customer requirements.

- Open cover, unfasten lock ⇒ Distributor system extend automatically
- All metal parts from V2A
- For power, water and compressed air connections
- Casing fitted with four levelling tie bolts which act simultaneously as anchorage
- Load capacity class up to B125 (12.5 t) possible (not standard)
- GIFAS hard rubber distributor boxes: Individual fitting according to customer requirements, technical conditions and regulations, only possible on one side.
- Remains extended in usage

⇒ Applications:

Industrial halls, hangars, sports centres, pedestrian zones, town squares and schools and anywhere where power distribution needs to be available quickly and repeatedly.

⇒ Properties

- Robust, easy to use and safe in operation
- Standard cover made from checker plate, special constructions possible, also with reservoirs for filling up with any material required
- Low maintenance costs
- The GIFAS hard rubber distributor box ensures maximum operational safety
- No problems with condensed water
- Resistant to environmental influences



Example: Frauenfeld market square



Example: Frauenfeld market square, reservoir cover filled up

CAMPO: Components included and technical information

⇒ GIFAS components included

- All the underfloor distributor (incl. casing, lifting device with distributor box and connection socket fitted, fully pre-wired) are supplied.
- A special reservoir cover (for filling up with any material required) can also be provided at the customer's request.

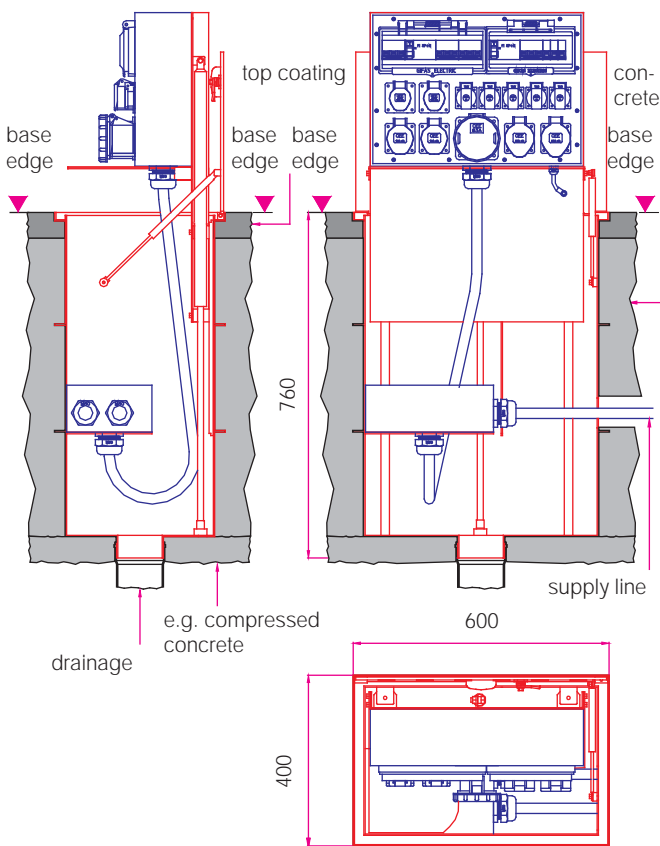
⇒ Work to be completed by the customer

The pit cover is not sealed against surface water; drainage of the pit should be provided by the customer. The excavation work and the correct assembly of the underfloor distributor (GIFAS components included) conforming to standards must be carried out by the customer. This also applies to all types of reservoir filling (variant).

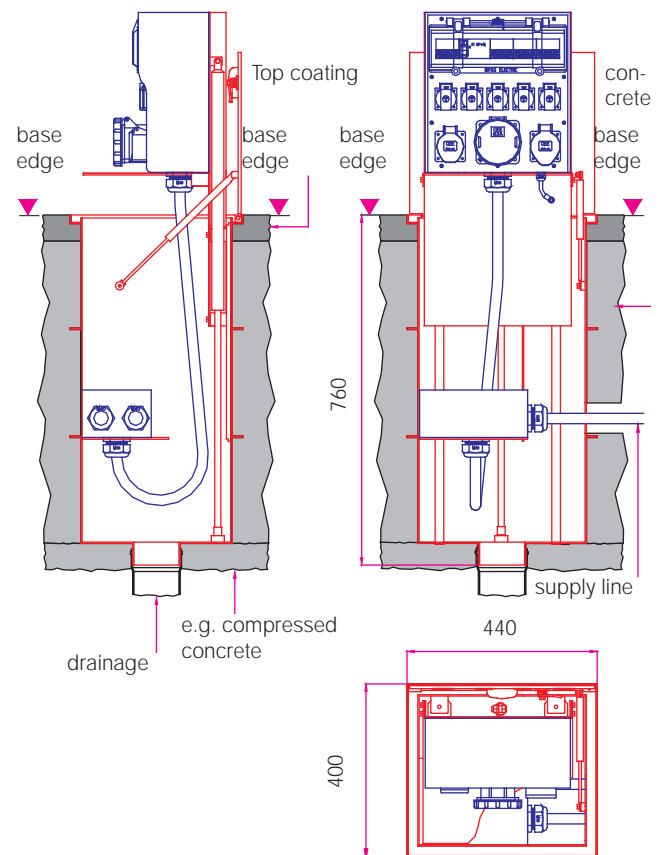
⇒ Technical information

- The type *CAMPO* is available in 2 sizes: type 600 (which refers to the max. width of the casing) and type 440 (dto.).
- The hard rubber distributor boxes are only fitted on one side.
- The excavation system with gas spring, guided on slide bearings with A2 steel shafts, permits automatic extension at any time.
- The connection socket is adjusted for the connection values and is fully fitted.
- Integrated step protection plate provides protection against false steps in the pit when open.

CAMPO 600 / maximum distribution type 7800



CAMPO 440 / maximum distribution type 7700



CAMPO: Components



⇒ Casing with lifting device

- Fully enclosed casing made from stainless steel, tie bolts/levelling straps on the side. Extending device (bracket for distributor box) on plain bearings fitted inside. All parts made from stainless steel.
- Standard: load capacity up to 30 kN (3 t), stronger construction up to class B125 possible
- Checker plate cover surface
- Can be locked

Item no.	Description
----------	-------------

11482	Lifting device <i>CAMPO</i> 440, incl. casing, excl. distributor box
11484	Lifting device <i>CAMPO</i> 600, incl. casing, excl. distributor box

Example: Velrez school grounds: open view



⇒ GIFAS special pit cover

Whenever the visible surface of the cover needs to be integrated into the existing environment, a matching frame with reservoir cover is available.

- Standard: load capacity up to 50 kN (5 t), stronger construction up to class B125 possible
- Can be filled up with any material (paving stone or tar, etc.)
- Version in V2A (zinc-plated steel on request)

Item no.	Description
----------	-------------

59990	Top frame/filling up reservoir for <i>CAMPO</i> 440, 50 kN
59997	Top frame/filling up reservoir for <i>CAMPO</i> 600, 50 kN

⇒ Switchgear combination/connection socket

- The fitting of the GIFAS hard rubber distributor box is carried out according to customer requirements, technical conditions and regulations.
- The connection sockets are fitted according to the connection values required.
- They ensure maximum operational safety, no condensed water problems and resistance to environmental influences.

Customised solutions – our strength!

Please see our documentation in index 1 / index 4 for examples.



Example: Weinfeld market square



Example: Belp airport, hangar - details

Underfloor distributor system: type *CAMPETTO*



Example of *CAMPETTO II* underfloor distributor system

⇒ Product selection

In essence our construction offers different variants:

1. Cover complete (checker plate) or tray design, can be individually filled up
2. Open or closed operating mode

The type depends on the main features selected.

- *CAMPETTO 1* (page 24) – Checker plate cover, open operating mode
- *CAMPETTO 2* (page 25) – Checker plate cover, closed operating mode
- *CAMPETTO 3* (page 26) – Cover can be filled up with any material, open operating mode
- *CAMPETTO 4* (page 27) – Cover can be filled up with any material, closed operating mode
- *CAMPETTO 5* (page 28) – Checker plate cover, closed operating mode, frame open at the bottom
- *CAMPETTO 6* (page 29) – Cover can be filled up with any material, closed operating mode, frame open at the bottom
- *CAMPETTO 7* (page 30) – Checker plate cover, closed operating mode, fitting on standardised concrete tube D600/800
- *CAMPETTO 8* (page 30) – Cover can be filled up with any material, closed operating mode, fitting on standardised concrete tube D600/800

In addition, all types are available in different sizes, depending on the component fitting requirements for the electrical distribution.

⇒ Applications:

Industrial halls, hangars, sports centres, pedestrian zones, town squares and schools and anywhere where power distribution needs to be available quickly and repeatedly.

⇒ Properties

- Minimal installation depth
- Robust, easy to use and safe in operation
- Various cover types
- Low maintenance costs
- The GIFAS hard rubber distributor box ensures maximum operational safety
- Self-regulating heating, no condensed water
- Resistant to environmental influences

⇒ Construction

Steel construction, various sizes, with cover that can be filled up with any material, load capacity up to C250, gas spring for easier opening, GIFAS hard rubber distributor box according to customer requirements (KSV 7800).

- All metal parts are made from rust-free V2A (also available in zinc-plated ST37 on request)
- For power, water and compressed air connections
- Casing fitted with tie bolts
- GIFAS hard rubber distributor board fitted onto the cover, can be filled up with any material



Example: Closed cover for *CAMPETTO 2*



Example: *CAMPETTO 2* in St. Jakob stadium, Basel

Underfloor distributor system: type *CAMPETTO 1*

⇒ Feature

The basic features of the *CAMPETTO 1* are:

- Closed casing with hole for supply line and drainage connection piece
- Very low installation depth
- Cover made from checker plate
- Open operating mode

The size, depth, cover thickness and electrical distribution components are fitted based on customer requirements.

⇒ GIFAS components included

The *CAMPETTO* casing including electrical distributor and connection socket are supplied fully assembled and wired.

⇒ Work to be completed by the customer

The cover system is not sealed against surface water; drainage of the casing should be provided by the customer.

The excavation work and the correct assembly of the construction (GIFAS components included) conforming to standards must be carried out by the customer.

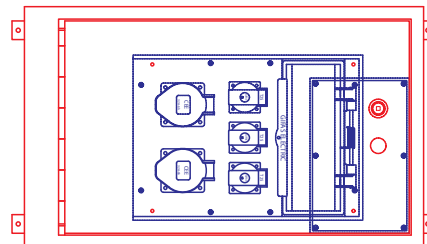
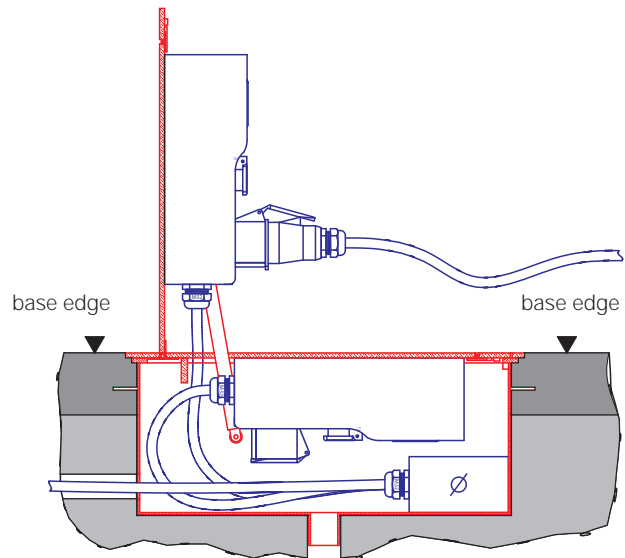
⇒ Technical information

- The type *CAMPETTO 1* is available in different sizes.
- The GIFAS hard rubber distributor box assembled into the cover can be filled up with any material as required.
- The connection socket is adjusted for the connection values and is fitted in the casing.
- The power supply can also be connected directly to the GIFAS hard rubber distributor box using a flexible cable.
- The cover is available in different load capacities (standard B125, special versions up to class C250 possible).
- Construction in V2A stainless steel (galvanised ST37 on request).
- Simple and rapid opening and closing thanks to gas springs.



Example: Silvaplana campsite

Principle drawing



Underfloor distributor system: type *CAMPETTO 2*

⇒ Feature

The basic features of the *CAMPETTO 2* are:

- Closed casing with hole for supply line and drainage connection piece
- Cover made from checker plate
- Closed operating mode

The size, depth, cover thickness and electrical distribution components are fitted based on customer requirements.

⇒ GIFAS components included

The *CAMPETTO* casing including distributor box and connection socket are supplied fully assembled and wired.

⇒ Work to be completed by the customer

The cover system is not sealed against surface water; drainage of the casing should be provided by the customer.

The excavation work and the correct assembly of the construction (GIFAS components included) conforming to standards must be carried out by the customer.

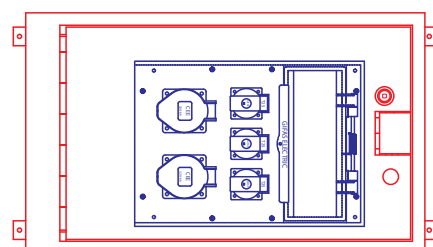
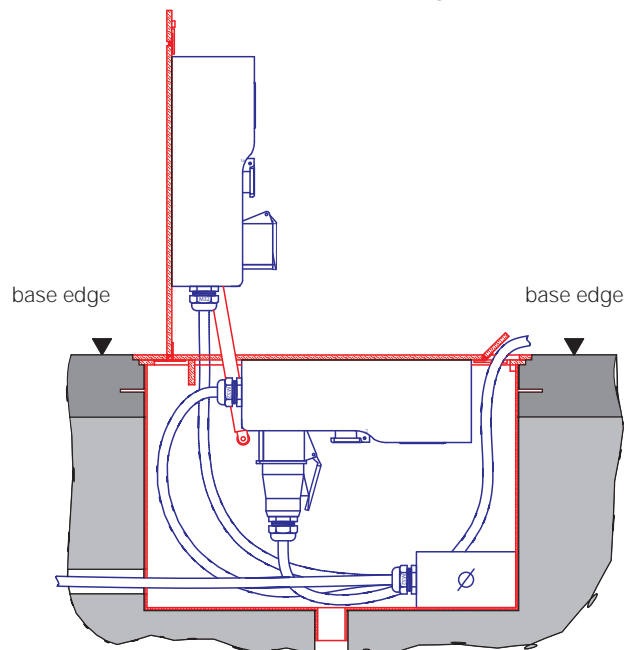


Example: SBB AG, industrial site

⇒ Technical information

- The type *CAMPETTO 2* is available in different sizes.
- The GIFAS hard rubber distributor box assembled into the cover can be filled up with any material required.
- The connection socket is adjusted for the connection values and is fitted in the casing.
- The power supply can also be connected directly to the GIFAS hard rubber distributor box using a flexible cable.
- The cover is fitted with a cable exit flap and can be operated when closed.
- The cover is available in different load capacities (standard B125, special versions up to class C250 possible).
- Construction in V2A stainless steel (zinc-plated ST37 on request).
- Simple and rapid opening and closing thanks to gas spring.

Principle drawing



Underfloor distributor system: type *CAMPETTO 3*

⇒ Feature

The basic features of the *CAMPETTO 3* are:

- Closed casing with hole for supply line and drainage connection piece
- Very low installation depth
- Reservoir for filling up with any material
- Open operating mode

The size, depth, cover thickness and electrical distribution components are fitted based on customer requirements.

⇒ GIFAS components included

The *CAMPETTO* casing including distributor box and connection socket are supplied fully assembled and wired.

⇒ Work to be completed by the customer

The cover system is not sealed against surface water; drainage of the casing should be provided by the customer.

The excavation work and the correct assembly of the construction (GIFAS components included) conforming to standards must be carried out by the customer.

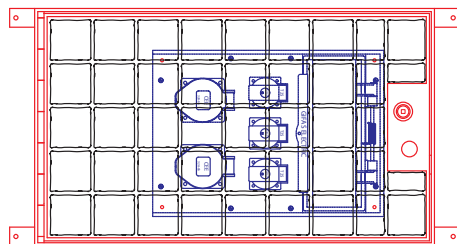
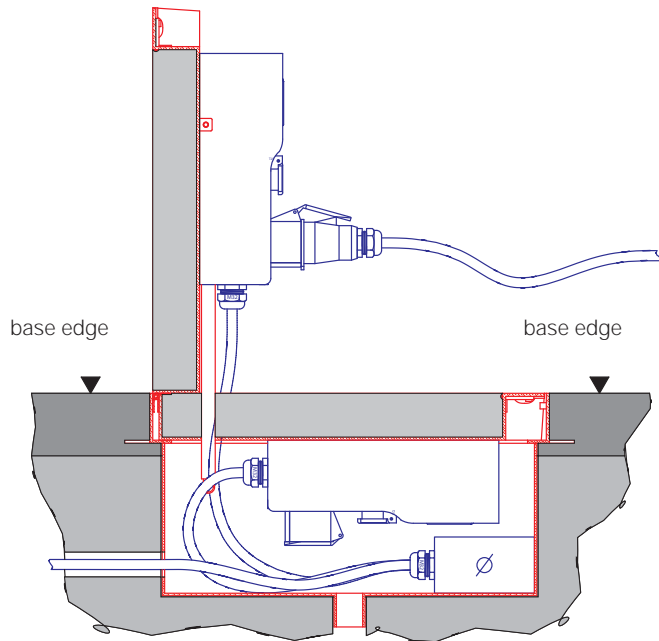
⇒ Technical information

- The type *CAMPETTO 3* is available in different sizes.
- The GIFAS hard rubber distributor box assembled into the cover can be filled up with any material required.
- The connection socket is adjusted for the connection values and is fitted in the casing.
- The power supply can also be connected directly to the GIFAS hard rubber distributor box using a flexible cable.
- The reservoir cover can be filled up with any material required. The load capacity is variable (standard B125, special constructions up to class C250 possible).
- Construction in V2A stainless steel (zinc-plated ST37 on request).
- Simple and rapid opening and closing thanks to gas spring.



Example: Market square (Coop), Moudon

Principle drawing



Underfloor distributor system: type *CAMPETTO 4*

⇒ Feature

The basic features of the *CAMPETTO 4* are:

- Closed casing with hole for supply line and drainage connection piece
- Reservoir for filling up with any material
- Closed operating mode

The size, depth, cover thickness and electrical distribution components are fitted based on customer requirements.

⇒ GIFAS components included

The *CAMPETTO* casing including distributor box and connection socket are supplied fully assembled and wired.

⇒ Work to be completed by the customer

The cover system is not sealed against surface water; drainage of the casing should be provided by the customer.

The excavation work and the correct assembly of the construction (GIFAS components included) conforming to standards must be carried out by the customer.

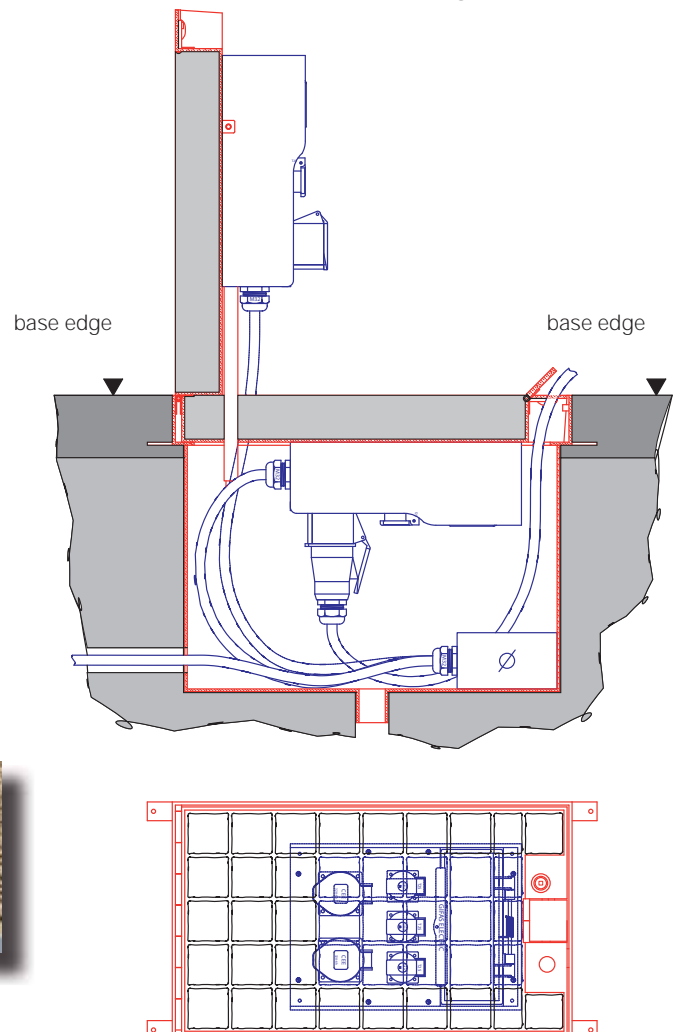


Example: Individual filling up of the reservoir

⇒ Technical information

- The type *CAMPETTO 4* is available in different sizes.
- The GIFAS hard rubber distributor box assembled into the cover can be filled up with any material required.
- The connection socket is adjusted for the connection values and is fitted in the casing.
- The power supply can also be connected directly to the GIFAS hard rubber distributor box using a flexible cable.
- The cover is fitted with a cable exit flap and can be operated when closed.
- The reservoir cover can be filled up with any material required. The load capacity is variable (standard B125, special constructions up to class C250 possible).
- Construction in V2A stainless steel (zinc-plated ST37 on request).
- Simple and rapid opening and closing thanks to gas spring.

Principle drawing



Underfloor distributor system: type *CAMPETTO 5*

⇒ Feature

The basic features of the *CAMPETTO 5* are:

- Open casing frame
- Cover made from checker plate
- Closed operating mode

The size, depth, cover thickness and electrical distribution components are fitted based on customer requirements.

⇒ GIFAS components included

The *CAMPETTO* frame including distributor box and connection socket are supplied fully assembled and wired.

⇒ Work to be completed by the customer

The cover system is not sealed against surface water; drainage of the casing should be provided by the customer.

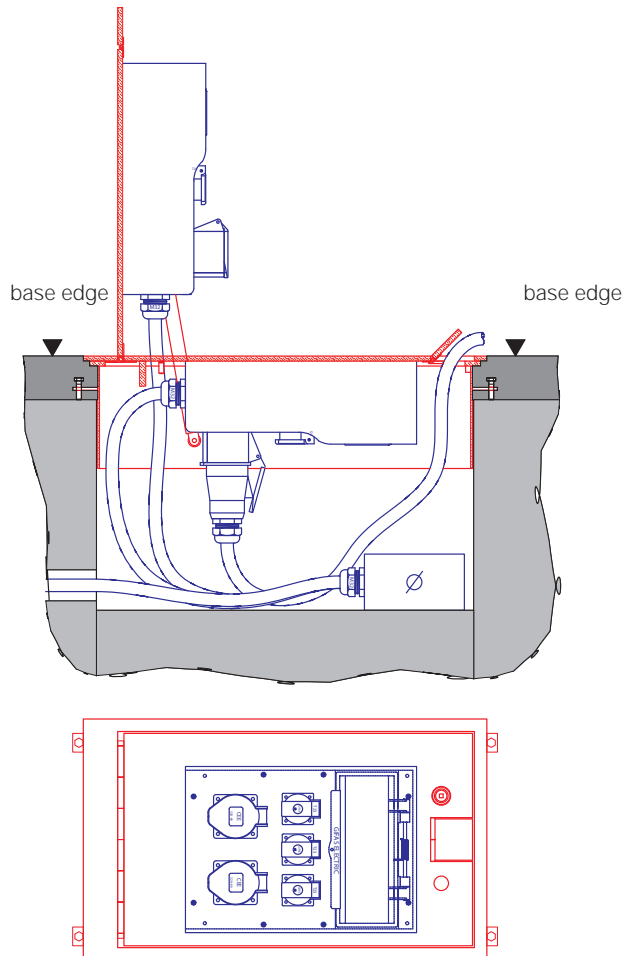
The excavation work and the correct assembly of the construction (GIFAS components included) conforming to standards must be carried out by the customer.



⇒ Technical information

- The type *CAMPETTO 5* is available in different sizes.
- The GIFAS hard rubber distributor box assembled into the cover can be filled up with any material required.
- The connection socket is adjusted for the connection values and is supplied fully connected.
- The power supply can also be connected directly to the GIFAS hard rubber distributor box using a flexible cable.
- The cover is fitted with a cable exit flap and can be operated when closed.
- The cover is available in different load capacities (standard B125, special versions up to class C250 possible).
- Construction in V2A stainless steel (zinc-plated ST37 on request).
- Simple and rapid opening and closing thanks to gas spring.

Principle drawing



Underfloor distributor system: type *CAMPETTO 6*

⇒ Feature

The basic features of the *CAMPETTO 6* are:

- Open casing frame
- Very low installation depth
- Reservoir for filling up with any material
- Open operating mode

The size, depth, cover thickness and electrical distribution components are fitted based on customer requirements.

⇒ GIFAS components included

The *CAMPETTO* frame including distributor box and connection socket are supplied fully assembled and wired.

⇒ Work to be completed by the customer

The cover system is not sealed against surface water; drainage of the casing should be provided by the customer.

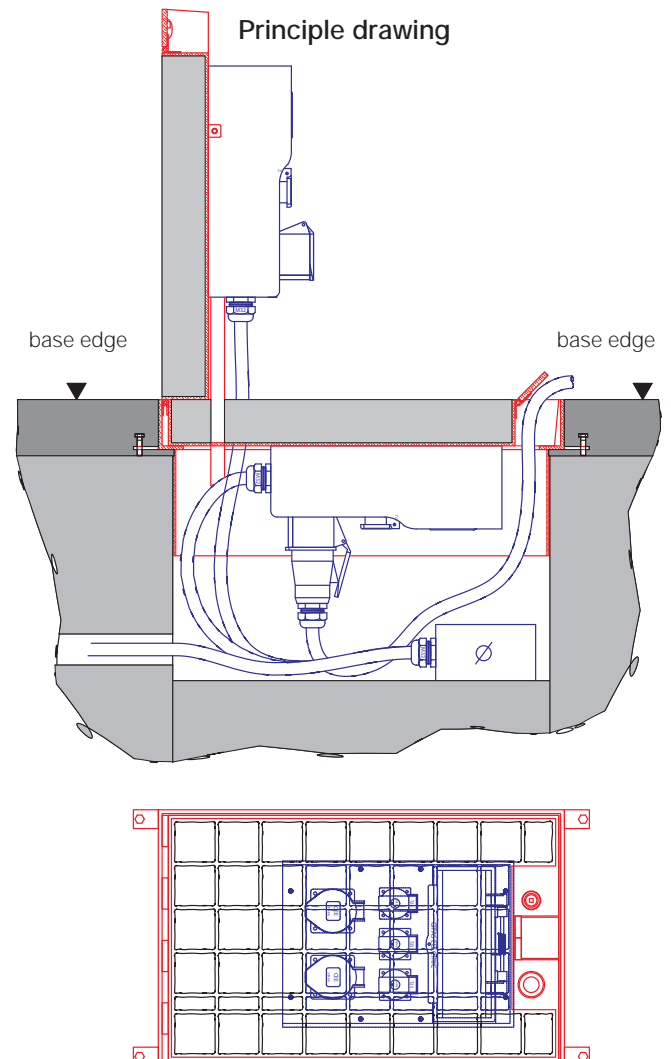
The excavation work and the correct assembly of the construction (GIFAS components included) conforming to standards must be carried out by the customer.

⇒ Technical information

- The type *CAMPETTO 6* is available in different sizes.
- The GIFAS hard rubber distributor box assembled into the cover can be filled up with any material required.
- The connection socket is adjusted for the connection values and is supplied fully connected.
- The power supply can also be connected directly to the GIFAS hard rubber distributor box using a flexible cable.
- The reservoir can be filled up with any material required. The load capacity is variable (standard B125, special constructions up to class C250 possible).
- Construction in V2A stainless steel (zinc-plated ST37 on request).
- Simple and rapid opening and closing thanks to gas spring.



Example: Village square in Meyrin



Underfloor distributor system: types *CAMPETTO 7* / *CAMPETTO 8*

⇒ Feature

The basic features of the *CAMPETTO 7* and *CAMPETTO 8* are:

- Open casing frame fitting on standardised concrete tube
- *CAMPETTO 7*: Cover made from checker plate
- *CAMPETTO 8*: Reservoir for filling up with any material
- Closed operating mode

The size, depth, cover thickness and electrical distribution components are fitted based on customer requirements.

⇒ GIFAS components included

The *CAMPETTO* frame including distributor box and connection socket are supplied fully assembled and wired.

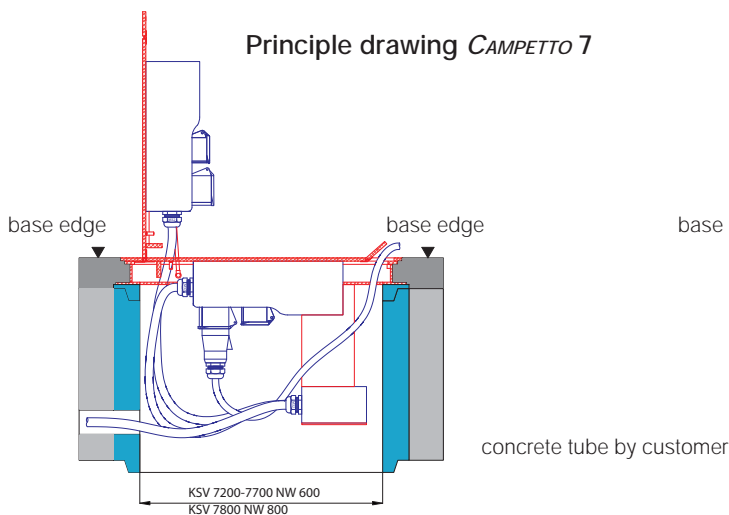
⇒ Work to be completed by the customer

The cover system is not sealed against surface water; drainage of the concrete tube should be provided by the customer. The excavation work and the correct assembly of the construction (GIFAS components included) conforming to standards must be carried out by the customer. Delivering of concrete tube must be carried out by the customer.

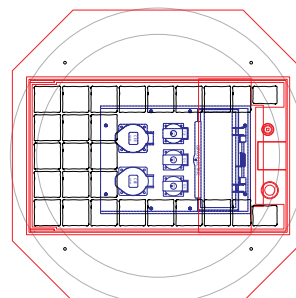
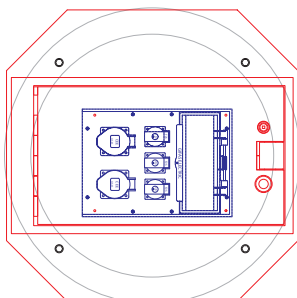
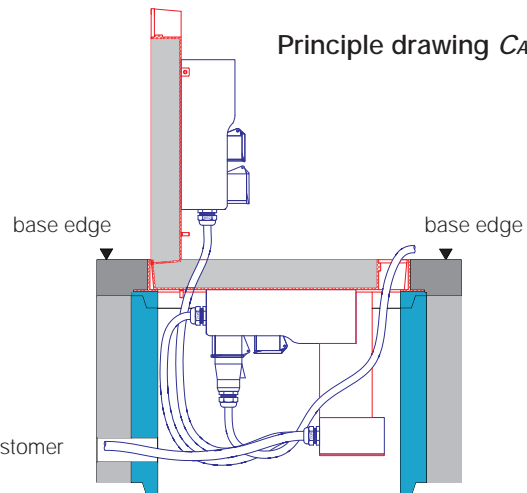
⇒ Technical information

- The types *CAMPETTO 7* and *CAMPETTO 8* are available in different sizes.
- The GIFAS hard rubber distributor box assembled into the cover can be filled up with any material required.
- The connection socket is adjusted for the connection values and is supplied fully connected.
- The power supply can also be connected directly to the GIFAS hard rubber distributor box using a flexible cable.
- The cover is fitted with a cable exit flap and can be operated when closed.
- The cover is available in different load capacities (standard B125, special versions up to class C250 possible).
- Construction in V2A stainless steel (zinc-plated ST37 on request).
- Simple and rapid opening and closing thanks to gas spring.

Principle drawing *CAMPETTO 7*



Principle drawing *CAMPETTO 8*



CAMPETTO: Installation and applications



The concrete tube is installed by the customer.



The top ring supplied by GIFAS is used.



The top cover is fitted (special construction).



Fixing of the top cover.



Clean underfilling, to avoid subsidence.



The reservoir is filled up.



The *CAMPETTO* (special construction) is ready for use.



In usage for the market (village of Rheineck, Städtli)

Top distributor system: type *MOBILE*



MOBILE, robust steel construction with base and support tube, fitted with GIFAS hard rubber distributor boxes and connection line with plug.

The supports, the fitting of the GIFAS hard rubber distributor box and the construction are created to specific customer requirements.

- Simple assembly and commissioning in just seconds
- Supports made from zinc-plated steel plate or in a stainless steel construction
- GIFAS hard rubber distributor boxes: Individual component fitting according to customer requirements and technical conditions and regulations
- Simple, cost-effective system
- No significant work required by the customer
- Inconspicuous integration of the pit cover into the architecturally designed ground surface

Example: School yard, Menzingen ZG

⇒ Applications:

Market squares, event halls, yards, school yards, festival grounds, car parks – anywhere where power is required for short periods, but often.

The top element can also be used at sites without a ground connection system – anywhere where events are held for a specific time period, a few times a year.



Example: View in closed condition

⇒ Properties

- Robust, mobile, easy to use and safe in operation
- The GIFAS hard rubber distributor box ensures maximum operational safety
- No problems with condensed water
- Resistant to environmental influences
- Low maintenance costs
- Very rapid installation



Example: View with free-standing usage

MOBILE: Components included and technical information

⇒ GIFAS components included

The top distributor system is supplied ready for connection with fitted GIFAS hard rubber distributor box, according to your measurements and component requirements.

If required we supply the pit top section and top frame incl. cover to fit base plate, zinc-plated or rust-free ST 37. There is also a connection set with connection socket available, or a connection cable and coupling.

⇒ Work to be completed by the customer

The pit cover is not sealed against surface water; drainage of the pit should be provided by the customer. The excavation work and the correct assembly of the pit cover conforming to standards must be carried out by the customer. The connection socket is also required to be fitted in the pit by the customer.

⇒ Top distributor system

Item no.	Description
23556	Top stands V2A, can be fitted on one side with KSV 7700, height 900
23361	Top stands V2A, can be fitted on both sides with KSV 7700, height 900
23352	Pit frame V2A, for tube Ø 60, inner dimensions: 488x488x70, load capacity B125
23353	Pit frame same as 23352, load capacity C250
23356	Pit cover V2A, can be filled up, consistent with 23352, outer dimensions: 488x488x70, load capacity B125
23358	Pit cover V2A, can be filled up, consistent with 23353, outer dimensions: 488x488x70, load capacity C250

All articles are available as well in the execution V2A zinc plated. They are compatible to each other.

⇒ Connection set

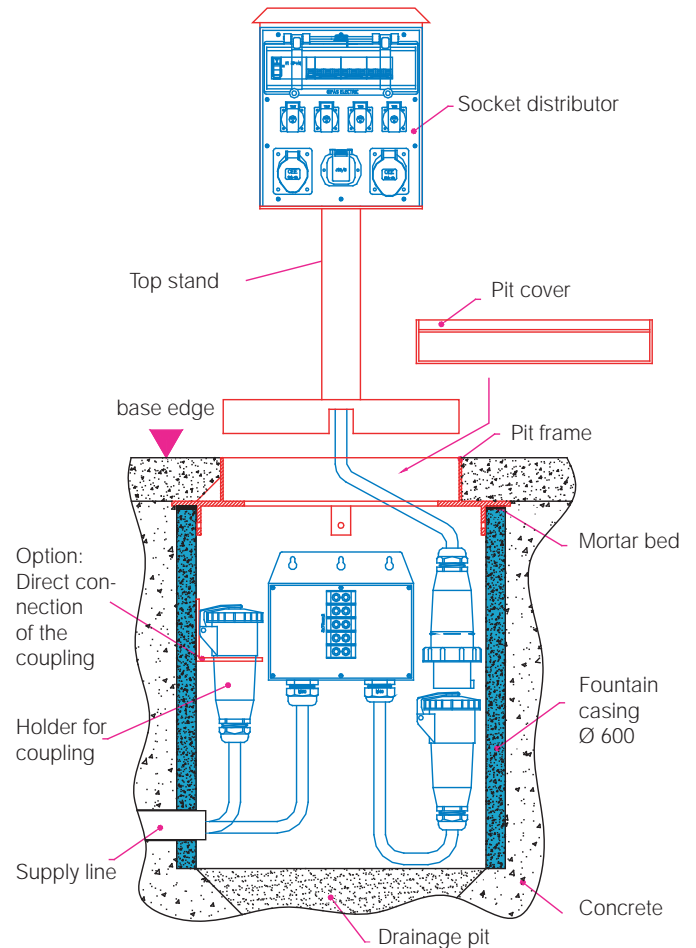
Connection socket with mounting plate for fixing onto the concrete tube, fitted with screwed cable glands, matches the connection values.

Item no.	Description
11480	Connection set 2516 for distributor system with clamp web 5x10 mm ² , 2xKV M32, CEE 63/5 coupling
33230	Connection set 3020 for distributor system with clamp web 5x35 mm ² , 3xKV M40, CEE 63/5 coupling

Spare parts

20402 A2 fitting for CEE 63/5 coupling

Other examples and options on request.



⇒ Functional principle

A concrete tube with a diameter of 60 cm is fitted by the customer. The pit top element supplied by Gifas is placed onto the concrete tube in an base edge position. The pit cover and the supports are supplied with the distributor box to fit the pit top part. The pit cover is prepared for filling up as required with paving stones (H=90 mm). The customer is required to install a mains cable through into the concrete tube. If a flexible cable is laid, the coupling can be assembled directly. A junction box should be used for installation with rigid cables or if the power is fed off in a loop.

Before an event the pit cover needs to be removed, the plug connected to the coupling in the pit from the distributor box and the distributor box positioned in the pit top element.

Practical examples

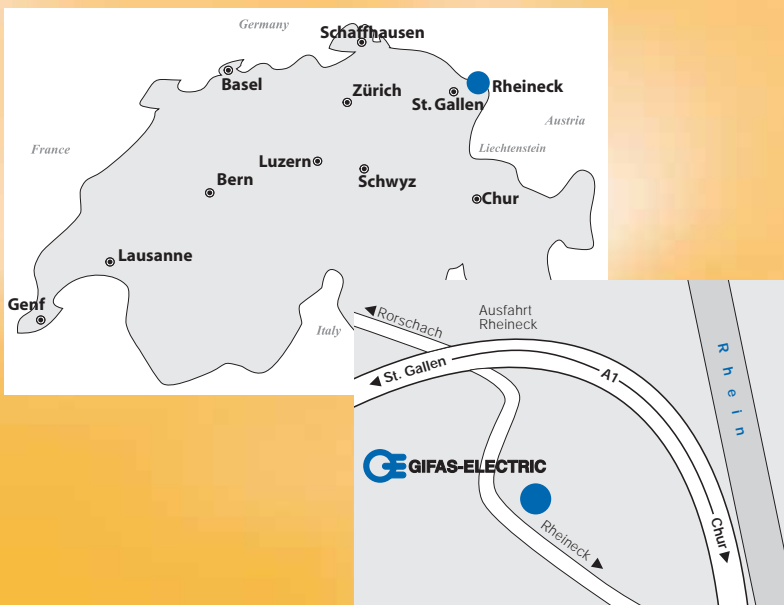


Practical examples



Get in touch with us

We are looking forward to become acquainted with you personally!



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assortment and
specific solutions
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Energy in the right dimension

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