

Distribution cabinets for festival events and market places

Distribution pillars round design

RONDO mobil

Socket outlet combinations

Mobile distribution cabinets

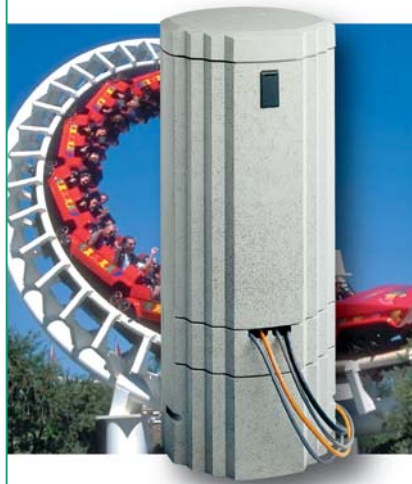
Build-in units and accessories



■ Power supplies at festival- and market-places are always in the focus of the public. Connections have to be safe and well covered to assure that everything stays uninterrupted. In addition to safety and functionality at all weather conditions also the optical adaption to the surrounding is an important issue.

Distribution cabinets and pillars with festival-pedestals from System Geyer are used for marketstands, roundabouts, festivaltents etc., always there where you require a safe plug and socket connection for an outdoor application.

The large variety of sizes and designs allows an ideal selection for all applications; solid as well as mobile like the innovative RONDOmobile.



Distribution cabinets for festival events and market places

System
GEYER

Advantages

- Flexible and all purpose usable by modular construction
- Up-to-date modern look. Award achieved for excellent industrial design
- Cable entry also with closed door possible
- Various fit-in types by pre-equipped modules



RONDO is available as mobile or fixed versions.

RONDOfix – the pillar will be placed over the „elektrant“ and fixed with 4 undetachable screws.

The equipment can be chosen individually. RONDO won the industrie award for excellent design.



The „elektrant“ is an iron-case pedestal. Closed elektrant, flush mounted with the ground.



Open elektrant, the RONDOfix pillar can be fixed above. Easily. Safe. Perfect.

RONDOfix



RONDO also for main supply units



Distribution cabinets for festival events and market places

System
GEYER

Generally

Regulations

DIV VDE 0100 part 722 is regulating the installation for mobile buildings, mobile booth caravans e.g.

Distribution cabinets SL 135 A (fixed version) round design

Technical specifications:

protection degree IP44
glasfiber reinforced polyester FS 833.5 DIN 16913 with recyclat

Colour:

similar to RAL 7035 (spotted)

Dimensions:

Height 1350mm / Diameter 360mm

Locking:

Single locking; profile cylinder factory fitted.

Pedestal:

Cabinet and pedestal are one unit. For ground grid with earth connection and adjustment rods see accessories page H3-44.

Basement

To reduce condensation water inside the cabinet it is recommended to fill the pedestal up the height of the cable support bar angle iron with a filling compound.

The filling compound (25l plastic bag Reference-No. 95075; see page H3-44) should be filled in approx. 200-300mm

Required qty. 1 bag

Applications

Distribution cabinets and pillars with festival-pedestals from System GEYER are used for marketstands, roundabouts, festival tents etc., always there where you require a safe plug and socket connection for an outdoor application.

RONDOMobile

Technical specifications:

protection degree IP44
glasfiber reinforced polyester FS 833.5 DIN 16913 with recyclat

Colour:

similar to RAL 7035 (spotted)

Dimensions:

Height 904mm / Diameter 360mm

Locking:

Single locking; profile cylinder factory fitted.

Pedestal / Elektrant

Cast iron pedestal with coverplate H x W x D 310 x 420 x 315 (mm)
With stainless steel bolts and nuts for fitting the cabinet
Weight 28,5 Kg

Basement

To reduce condensation water inside the cabinet it is recommended to fill the pedestal up the height of the cable support bar angle iron with a filling compound.

The filling compound (25l plastic bag Reference-No. 95075; see page H3-44) should be filled in approx. 200-300mm.

Required qty. 1 bag

Applications

Where ever you require a temporary outdoor power supply

Distribution cabinets for temporary outdoor installation

Technical specifications:

protection degree IP43 / IP44 on request
glasfiber reinforced polyester FS 833.5 DIN 16913

Cabinets

according to DIN EN 60439-5
with door-stops

Colour:

similar to RAL 7035 (spotted)

Dimensions:

DIN size 0/1005	H x W x D	1005 x 585 x 315 (mm)
DIN size 1/1005	H x W x D	1005 x 780 x 315 (mm)
DIN size 2/1005	H x W x D	1005 x 1110 x 315 (mm)

Locking system:

Three point locking system suitable for one or two cylinders;
1 profile cylinder factory fitted

Festival-pedestal

It is possible to connect the outgoing cables without removing the plug. Cables up to \varnothing 42mm can be brought outside through an flexible opening in the pedestal even when the door is closed.

The cable support bar angle iron fixed below these openings allows a proper fixing of the outgoing cables.

Fittings:

Socket outlet combinations allow an individual adjustment to changing requirements. They can be combined with fuse rails and metering units.

Socket outlet combinations and metering rails are with there fixing and connections according to DIN 43623.

If there are empty spaces between build in unite these have to be covered. For shrouds above the busbar see page H3-40.

Distribution cabinets for temporary outdoor installation (fixed version)

Pedestal:

with cable support bar angle iron 40 x 40 x 3 mm for fixing clamps.
Cast iron base plate with rods to adjust the pedestal on the base plate (see accessories page H3-44)

Basement

To reduce condensation water inside the cabinet it is recommended to fill the pedestal up the height of the cable support bar angle iron with a filling compound.

The filling compound (25l plastic bag Reference-No. 95075; see page H3-44) should be filled in approx. 200-300mm.

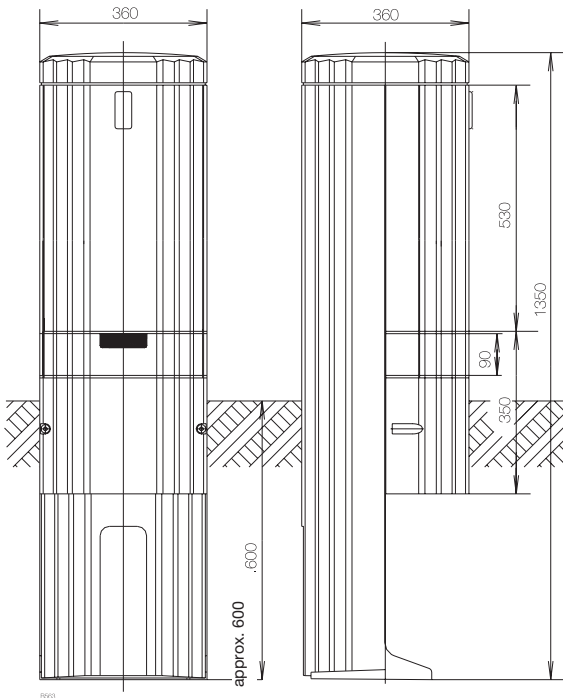
Distribution cabinets (mobile version)

Pedestal:

The festival-pedestal is combined with a steel-frame construction (\varnothing 25mm, painted) to enable a stand alone

Distribution cabinets for festival events and market places

System **GEYER** Distribution cabinets (fixed version) round design type 135

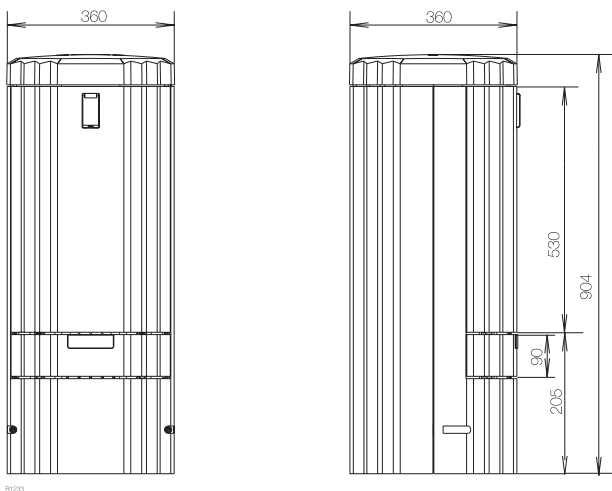


Type	Reference-No.
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Round pillar with plug-in door and cutout for socket outlet cable for socket outlet combinations

SL 135 A

System **GEYER** RONDomobil



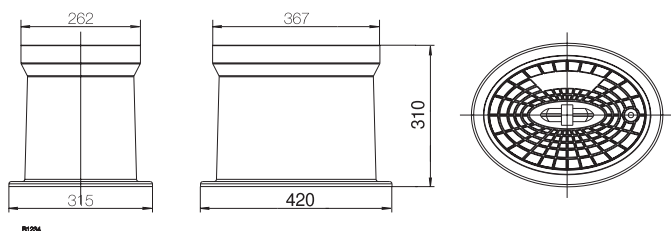
Type	Reference-No.
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Round pillar with plug-in door and cutout for socket outlet cable for socket outlet combinations with IP67 socket and cable with connecting cable 5x16mm² and plug 5-pole 63A IP67 for power supply

SF 135 M

Round pillar with plug-in door for socket outlet combinations and cutout for socket outlet cable with mounting plate for socket outlet combination, but without IP67 socket

SF 135 L



Pedestal / Elektrant
Cast iron predestal with coverplate H x W x D 310 x 420 x 315 (mm)
With stainless steel bolts and nuts for fitting the cabinet SF135M and socket 5-pole 63A IP67 for power supply

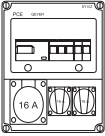
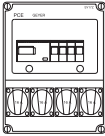
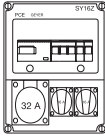
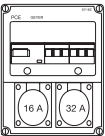
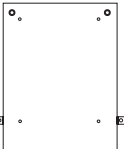
SX 135

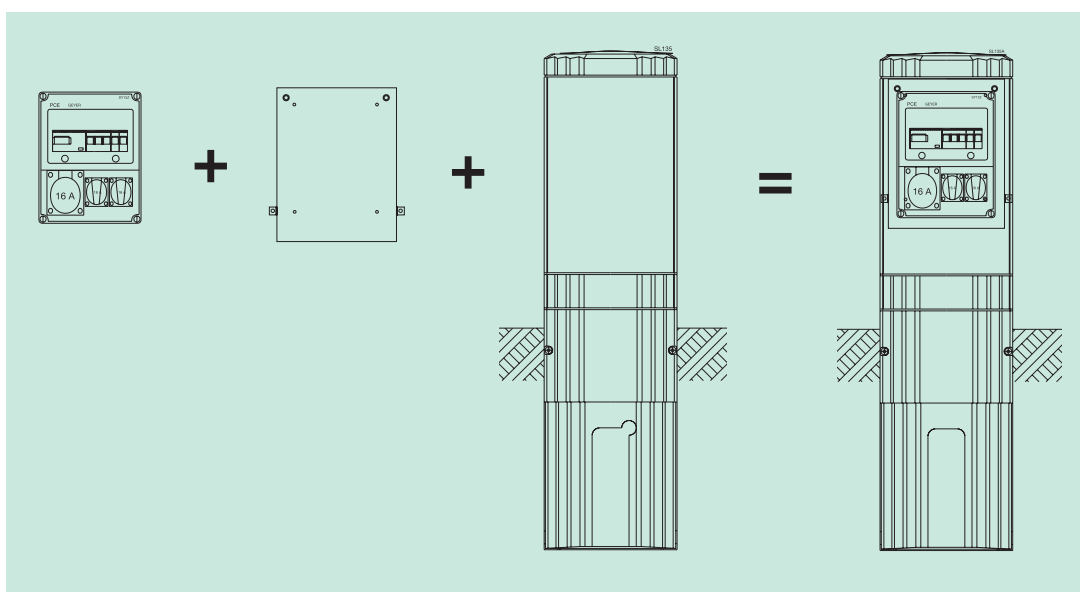
Pedestal / Elektrant
empty, without plug

SX 135 L

Distribution cabinets for festival events and market places

System **GEYER** Socket outlet combination for RONDO pillar

Type	Reference-No.	Type	Reference-No.
 <p>with 1 CEE-socket 16 A, 5-pole and 2 „Schuko“-socket outlets 16 A consisting of: 1 x CEE-Socket outlet 16 A, 5p, 400 V 2 x Schuko-socket 16 A, 250 V 1 x MCB 16 A, 3p-C 2 x MCB 16 A, 1p-B 1 x RCD-40/4/0,03 A Cable flange 1 x M25 top 1 x M25 bottom (without glands)</p>	SY 15 Z	 <p>with 4 „Schuko“-socket outlets 16 A consisting of: 4 x Schuko-socket 16 A, 250 V 4 x MCB 16 A, 1p-B 1 x RCD-40/4/0,03 A Cable flange 1 x M25 top 1 x M25 bottom (without glands)</p>	SY 17 Z
 <p>with 1 CEE-socket 32 A, 5-pole and 2 „Schuko“-socket outlets, 16 A consisting of: 1 x CEE-Socket outlet 32 A, 5p, 400 V 2 x Schuko-socket 32 A, 250 V 1 x MCB 16 A, 3p-C 2 x MCB 16 A, 1p-B 1 x RCD-40/4/0,03 A Cable flange 1 x M25 top 1 x M25 bottom (without glands)</p>	SY 16 Z	 <p>with 1 CEE-socket 16 A, 5-pole and 1 CEE-Socket outlet 32 A, 5-pole consisting of: 1 x CEE-Socket outlet 32 A, 5p, 400 V 1 x CEE-Socket outlet 16 A, 5p, 400 V 1 x MCB 32 A, 3p-C 1 x MCB 16 A, 3p-C 1 x RCD 40/0,03- 4p Cable flange 1 x M25 top 1 x M25 bottom (without glands)</p>	SY 18 Z
 <p>Mounting plate for socket outlet combination (Fixing material included)</p>	SY 19 M	<p>with 2 CEE-socket 32 A, 5-pole consisting of: 2 x CEE-Socket outlet 32 A, 5p, 400 V 2 x MCB 32 A, 3p-C 1 x RCD 40/0,03- 4p Cable flange 1 x M25 top 1 x M25 bottom (without glands)</p>	SY 19 Z



Distribution cabinets for festival events and market places

System
GEYER Size 0 / Height 1005

Type	Reference-No.
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Distribution cabinets for temporary outdoor installation

Festival-cabinet single door with busbar system 5-pole E-Cu 30 x 6 mm, insulated max. 5 build-in units

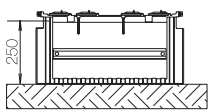
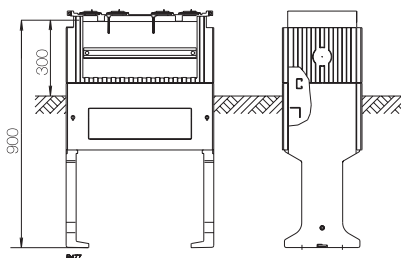
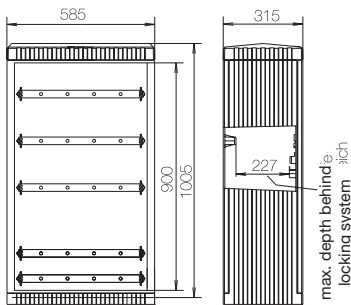
SF 100 A

Festival-pedestal size 0 with 4 cable outlets

SX 008

Cover for cable outlet

47900



Festival-pedestal for concrete mounting size 0 with 4 cable outlets

SX 020 F

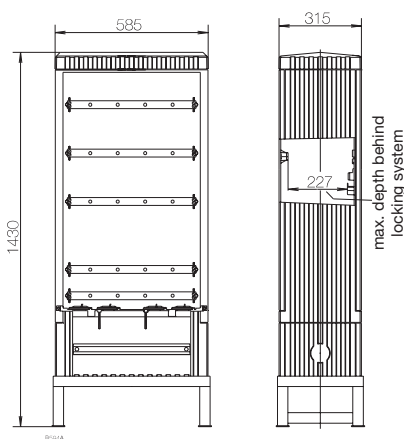
Cover for cable outlet

47900

Distribution cabinets for temporary outdoor installation (mobile version)

Festival-cabinet with stand single door with busbar system 5-pole E-Cu 30x6mm, insulated max. 5 build-in units with 4 cable outlets

SF 100 B



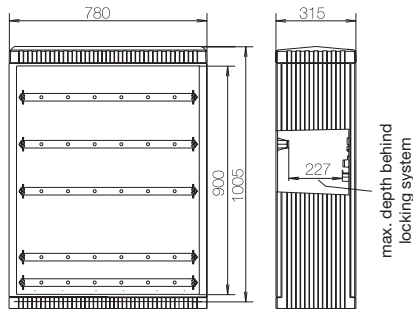
When socket outlet combinations are mounted inside of cable distribution cabinets and pillars to which non-authorized people have access, the panel builder has to secure the assembly against direct touch of live parts. According to DIN VDE 0100, part 729, clause 3.3. and DIN VDE 0660, part 504/EN 60439-3.

The fixing- and connecting points of the build-in units are similar to a fuse rail size 2 according DIN 43623
Special build-in units or other variations of festival-cabinets /-pedestals on request

Distribution cabinets for festival events and market places

System
GEYER Size 1/ Height 1005

Type	Reference-No.
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Distribution cabinets for temporary outdoor installation

Festival-cabinet single door with busbar system 5-pole E-Cu 30x6mm, insulated max. 7 build-in units

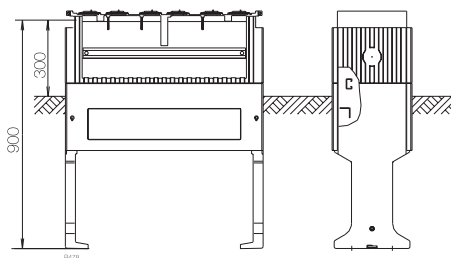
SF 101 A

Festival-pedestal size 1 with 6 cable outlets

SX 009

Cover for cable outlet

47901

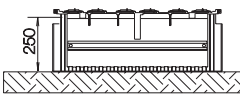


Festival-pedestal for concrete mounting size 1 with 6 cable outlets

SX 021 F

Cover for cable outlet

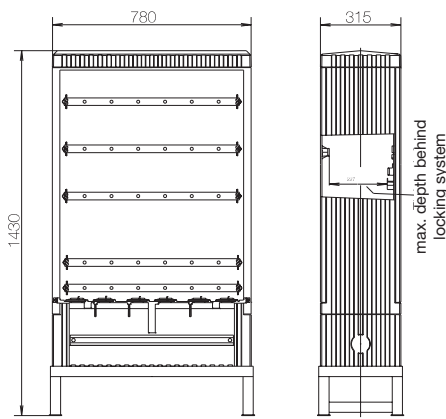
47901



Distribution cabinets for temporary outdoor installation (mobile version)

Festival-cabinet with stand single door with busbar system 5-pole E-Cu 30x6mm, insulated max. 7 build-in units with 6 cable outlets

SF 101 B



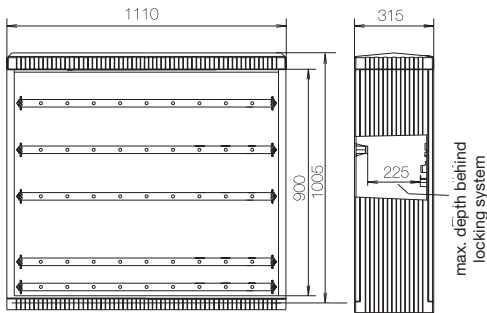
When socket outlet combinations are mounted inside of cable distribution cabinets and pillars to which non-authorized people have access, the panel builder has to secure the assembly against direct touch of live parts. According to DIN VDE 0100, part 729, clause 3.3. and DIN VDE 0660, part 504/EN 60439-3.

The fixing- and connecting points of the build-in units are similar to a fuse rail size 2 according DIN 43623
Special build-in units or other variations of festival-cabinets /-pedestals on request

Distribution cabinets for festival events and market places

System
GEYER Size 2 / Height 1005

Type	Reference-No.
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Distribution cabinets for temporary outdoor installation

Festival-cabinet double door with busbar system 5-pole E-Cu 30x6mm, insulated max. 10 build-in units

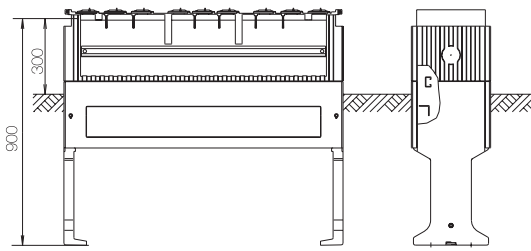
SF 102 A

Festival-pedestal size 2 with 9 cable outlets

SX 010

Cover for cable outlet

47902

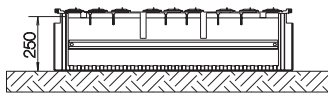


Festival-pedestal for concrete mounting size 2 with 9 cable outlets

SX 022 F

Cover for cable outlet

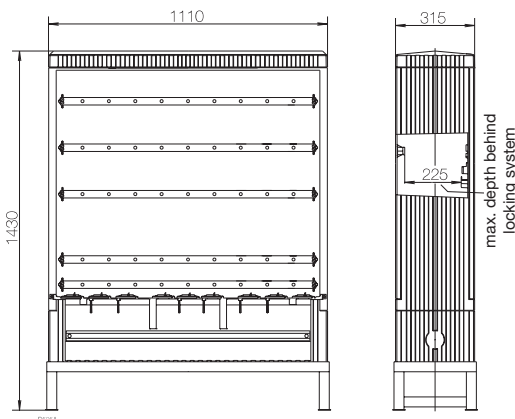
47902



Distribution cabinets for temporary outdoor installation (mobile version)

Festival-cabinet with stand double door with busbar system 5-pole E-Cu 30x6mm, insulated max. 10 build-in units with 9 cable outlets

SF 102 B



When socket outlet combinations are mounted inside of cable distribution cabinets and pillars to which non-authorized people have access, the panel builder has to secure the assembly against direct touch of live parts. According to DIN VDE 0100, part 729, clause 3.3. and DIN VDE 0660, part 504/EN 60439-3.

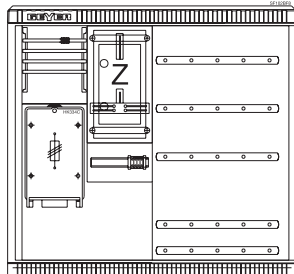
The fixing- and connecting points of the build-in units are similar to a fuse rail size 2 according DIN 43623
Special build-in units or other variations of festival-cabinets /-pedestals on request

Distribution cabinets for festival events and market places

System
GEYER Ordering examples

Ausführung	Artikel-Nr.
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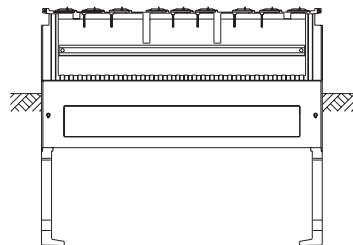
Equipped cabinets with 80 A meter panels



Festival cabinet up to 100 A

SF 102 BF8*

- consisting of:
- 1 x Cable distribution cabinet, size 2/1005
IP 44, 2 doors
 - 1 x Main supply unit (K3) with wiring 25 mm²
 - 4 x Busbar-system 250 A
 - 1 x Meter cover 450 mm, IP 54
 - 1 x Wiring set 25 mm² from busbar to upper connection area
 - 5 x Busbar-system E-CU 30 x 6 mm
for max. 4 socket outlet combinations; empty busbar area has to be covered, see accessories



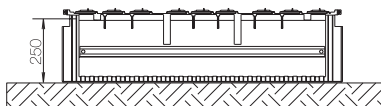
Festival pedestal

SX 010

- Size 2
with 9 cable entries

Cover for cable entry

47902



Festival pedestal

SX 022 F

- Size 2
for ground mounting with 9 cable entries

Equipped cabinets, size 0

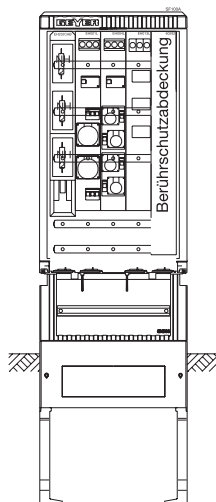
5 built-in units maximum

consisting of:

- 1 x Festival-cabinet, size 0 **SF 100 A**
- 1 x Festival-pedestal, size 0 **SX 008**

Example


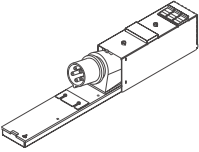
		required space
1 x HRC-fuse strip with disconnecter		1
1 x Socket outlet combination with 2 CEE-sockets 32 A, 5-pole	EH 001 L	1
1 x Socket outlet combination with 4 CEE-sockets 16 A, 3-pole	EH 004 L	1
1 x Distribution unit to be equipped individually	EH 013 L	1
1 x Insulating cover (for unused busbar)	60282	1



Alternative combinations: The festival cabinets can be equipped with all kind of built-in units.

Distribution cabinets for festival events and market places




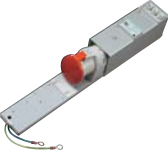


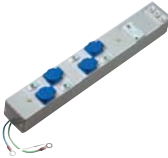

System
GEYER Built-in units and accessories

Type	Reference-No.
 <p>Insulating cover above busbars</p> <p>symmetric holes H x W (mm) 560 x 102 47930</p> <p>asymmetric holes H x W (mm) 500 x 150 60282</p>	
 <p>Feed-in Socket combination EH 021 LE with 1 CEE-socket 63 A</p> <p>1 x Fuse socket D02, 3-pole 1 x CEE-socket 63 A, 5-pole Empty space for 1 DIN-rail meter (5 modules width) Fixing material</p>	

Distribution cabinets for festival events and market places

System
GEYER Built-in units

Socket outlet combination = 1 built-in unit (100 mm wide)










Type	Reference-No.	Type	Reference-No.		
	Socket outlet combination with 2 CEE sockets 32 A, 5pole technical specification: 1 x Fuse socket D02, 3pole 1 x RCD 63 A/0,5 A 2 x MBC 32 A, B, 3pole 2 x CEE sockets 32 A, 5pole (fixing material included)	Distribution unit with 3 DIN-rails á 4,5 modules (1module = 18mm) technical specification: 1 x Fuse socket D02, 3pole 1 x Neutral terminal 14 x 10 mm ² + 3 x 16 mm ² 1 x Earth terminal 14 x 10 mm ² + 3 x 16 mm ² incl. wiring from busbar system to fuse socket and earth-/neutral terminal H07V-K (fixing material included)	EH 001 L	EH 013 L	
	Socket outlet combination with 2 CEE sockets 16 A, 5pole technical specification: 1 x Fuse socket D02, 3pole 1 x RCD 40 A/0,03 A 2 x MBC 16 A, B, 3pole 2 x CEE sockets 16 A, 5pole (fixing material included)		Socket outlet combination with 1 CEE socket 32 A, 5pole and 1 CEE socket 16 A 3pole technical specification: 1 x CEE socket 32 A 5pole 1 x CEE socket 16 A 5pole 1 x Fuse socket D02, 3pole 1 x RCD 63 A/0,03 A 4pole 1 x MCB 32 A, B, 3pole 1 x MCB 16 A, B, 3pole (fixing material included)	EH 002 L	EH 014 L
	Socket outlet combination with 1 CEE socket 63 A, 5pole technical specification: 1 x Fuse socket D02, 3pole 1 x RCD 63 A/0,03 A 1 x CEE sockets 63 A, 5pole (fixing material included)		Socket outlet combination with 1 CEE socket 32 A, 5pole and 2 CEE socket 16 A 3pole technical specification: 1 x CEE socket 32 A 5pole 2 x CEE socket 16 A 3pole 1 x Fuse socket D02, 3pole 1 x RCD 40 A/0,03 A 4pole 1 x MCB 32 A, B, 3pole 2 x MCB 16 A, B, 3pole (fixing material included)	EH 003 L	EH 015 L
<p>Attention: It is not possible to mount two EH 003 L next to each other. It is recommended to fix the EH 003 L in the outer positions.</p>					
	Socket outlet combination with 4 CEE socket 16 A, 3pole technical specification: 1 x Fuse socket D02, 3pole 1 x RCD 40 A/0,03 A 4 x MCB 16 A, B, 1pole 4 x CEE sockets 16 A, 3pole (fixing material included)			EH 004 L	
	Socket outlet combination with 4 sockets „Schuko“ technical specification: 1 x Fuse socket D02, 3pole 1 x RCD 40 A/0,03 A 4 x MBC 16 A, B, 1pole 4 x sockets „Schuko“ 16 A (fixing material included)			EH 005 L	
	Socket outlet combination with 1 CEE socket 32 A, 5pole and 1 socket „Schuko“ technical specification: 1 x Fuse socket D02, 3pole 1 x RCD 40 A/0,03 A 1 x MBC 16 A, C, 1pole 1 x MBC 32 A, C, 3pole 1 x CEE socket 32 A, 5pole 1 x socket „Schuko“ 16 A (fixing material included)			EH 012 L	

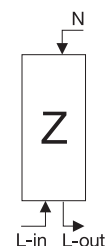
When socket outlet combinations are mounted inside of cable distribution cabinets and pillars to which non-authorized people have access, the panel builder has to secure the assembly against direct touch of live parts. According to DIN VDE 0100, part 729, clause 3.3. and DIN VDE 0660, part 504/EN 60439-3.

The fixing- and connecting points of the built-in units are similar to a fuse rail size 2 according DIN 43623
Special build-in units or other variations of festival-cabinets /-pedestals on request

Distribution cabinets for festival events and market places

System **GEYER** Built-in units

Type	Reference-No.	Type	Reference-No.
	Socket outlet combination with 2 CEE sockets 16 A, 3pole technical specification: 1 x Fuse socket D02, 3pole 1 x RCD 40 A/0,03 A, 4pole 3 x MBC 16 A, B, 1pole 3 x Spare place for 1 module electronic meter 3 x CEE sockets 16 A, 3pole, lockable (fixing material included)		Electronic meter 240 V 5 (25) A / 230 V non-certified, 1 module
	Socket outlet combination with 3 sockets „Schuko“ 16 A for electronic meter technical specification: 1 x Fuse socket D02, 3pole 1 x RCD 40 A/0,03 A, 4pole 3 x MBC 16 A, B, 1pole 3 x Spare place for 1 module electronic meter 4 x sockets „Schuko“ 16 A (fixing material included)		Electronic meter 240 V 5 (20) A / 230 V certified, 1 module
	Socket outlet combination with 1 CEE sockets 16 A, 5pole for electronic meter technical specification: 1 x Fuse socket D02, 3pole 1 x RCD 40 A/0,03 A, 4pole 1 x MBC 16 A, B, 3pole 1 x Spare place for 5 module electronic meter 1 x CEE sockets 16 A, 5pole, (fixing material included)		Electronic meter 400 V 5 (65) A / 3 x 230 / 400 V non-certified, 5 modules
	Socket outlet combination with 1 CEE sockets 32 A, 5pole for electronic meter technical specification: 1 x Fuse socket D02, 3pole 1 x RCD 40 A/0,03 A, 4pole 1 x MBC 32 A, C, 3pole 1 x Spare place for 5 module electronic meter 1 x CEE sockets 32 A, 5pole, (fixing material included)		
 	Socket outlet combination with 1 CEE sockets 63 A, 5pole for electronic meter technical specification: 1 x Fuse socket D02, 3pole 1 x RCD 63 A/0,3 A, 4pole 1 x Spare place for 5 module electronic meter 1 x CEE sockets 63 A, 5pole, (fixing material included) Cable 5 x 10 mm ² (flexible) approx. 2,5 m		



* For electronic meters (1 module width) terminals marking without standardized norm.

The combination EH 016 L and EH 019 L are wired for electronic meters.
















When socket outlet combinations are mounted inside of cable distribution cabinets and pillars to which non-authorized people have access, the panel builder has to secure the assembly against direct touch of live parts. According to DIN VDE 0100, part 729, clause 3.3. and DIN VDE 0660, part 504/EN 60439-3.

The fixing- and connecting points of the build-in units are similar to a fuse rail size 2 according DIN 43623

Special build-in units or other variations of festival-cabinets /-pedestals on request

Spare parts and accessories

System **GEYER** Spare parts and accessories for cabinets and pillars

Type	Reference-No.	Type	Reference-No.
 Meter cover IP 54 sealable retrofit 375 mm without door 375 mm with door	SY 375 A SY 375 AT	 Cable-end insulating set for crimped cables 10 mm ² (7 pieces)	DY 56814 A
 450 mm without door 450 mm with door	SY 450 A SY 450 AT	 Bag for wiring diagrams	55696 DIN A4
 Cover for multi-rate tariff device IP 54 sealable retrofit 300 mm without door	SY 300 A	 Heating 33 W thermostatically controlled	55517
 Cover sealable, with cable-end insulation (for meterplate outlet)	DY 57308 A	 Lighting fitting with switch and socket outlet "Schuko" for cabinets DIN size 00 - 2	75924
 Blank piece RAL 9002 length 216 mm 1 set = 10 pieces	DY 69 X	 Door stopper limits the door opening at approx. 110°	69846
 Blank piece lockable	DY 95032 A	Main MCB E=Exact-Charakteristic, 25 kA acc. to DIN VDE 064 1,05...1,2 · I _n	XHA120-4 XHA125-4 XHA132-4 XHA135-4 XHA140-4 XHA150-4 XHA163-4 XHA190-4 XHA199-4
 Cover for temporary connection side opening Ø 55mm of SL 152/155/157/172 175/202/205/207	49626	Main MCB with busbar adapter 3 x 1-pole E=Exact-Charakteristic, 25 kA acc. to DIN VDE 064 1,05...1,2 · I _n	XKS325-4 XKS335-4 XKS340-4 XKS350-4 XKS363-4
 Intermediate slider (e. g. when different tariffs)	DY 56132 W		
 Seperation wall perforated for vertical seperation of different tariffgroups for mod. devices 68/85mm	DY 54694 W		
 Seperation wall for vertical seperation fixing on 2 DIN rails 230mm long usage in 300mm distribution area	DY 37205 W		

Flanges see page H3-10.
Terminals see page H5-4.

