

## Main Junction Boxes/Main supply units

Distribution cabinets with  
wall mounting pedestal

Accessories



■ The progressive main supply units K3, K4 and K12 are produced to keep them as environmental protective as possible. This is achieved by adding recyclat into the molding process.

As a matter of course all the products containing recyclat are in accordance with the electromechanical and physical requirements. Quite often the required DIN standards are far exceeded with these products.

Main supply units are separated into categories in response to the feeding current

- up to 100A with NH00 fuse bases
- up to 160A with NH1 fuse bases
- up to 250A with NH2 fuse bases

Main supply units are the link between the utility network and the domestic installation.

### Features:

- Energy takeover from power supply net to the consumer unit

# Main supply units

## System **GEYER** Technical information

### House connection

#### - Distribution cabinets with wall mounting pedestal

**Versions:**

- Busbar-system E-Cu 30 x 6 mm
- Ground plate with entry glands 50–185 mm<sup>2</sup>
- C-shaped cable support bar. On request cover available for wall pedestal. (Not recommended for outdoor)

**Material:**

Cabinets: fibreglass reinforced polyester type FS 833,5 acc. to DIN 16913  
Wall pedestal: Sheet steel 2,5 mm hot dip galvanized

**Colour:**

RAL 7035, grey

**Protection degree:**

IP 43, on request IP 44

**Dimensions:**

please see different versions

**Locking:**

3-point locking system for 1 or 2 cylinders suitable.

#### - Built-in units HRC-fuse strip HRC-load fuse strip

**Generally**

- DIN 43 623, Form B, acc. to VDE 0636, part 21
- Body made of fibreglass reinforced polyester
- Non-tracking and leakage current approved
- Silver contacts with duplex springs
- Tin coated copper bars

**HRC-fuse strip, size 00, 160 A - 660 V**  
insulated body

- for busbar in between distance 185 mm
- H x W x D (mm) 634 x 49 x 113

**HRC-load fuse strip, size 00, 160 A - 660 V**

- 1-pole switchable
- for busbar in between distance 185 mm
- H x W x D (mm) 665 x 49 x 151
- Deion contact quencher chamber

**HRC-fuse strip, size 2, 400 A - 660 V**

- insulated body
- H x W x D (mm) 645 x 99 x 151
- Proper for voltage transformer and temporary fuse links
- Cover for busbar connection area

**HRC-load fuse strip, size 2, 400 A - 660 V**

- 1-pole or 3-pole switchable
- H x W x D (mm) 655 x 99 x 151
- Proper for voltage transformer and temporary fuse links
- Deion contact quencher chamber

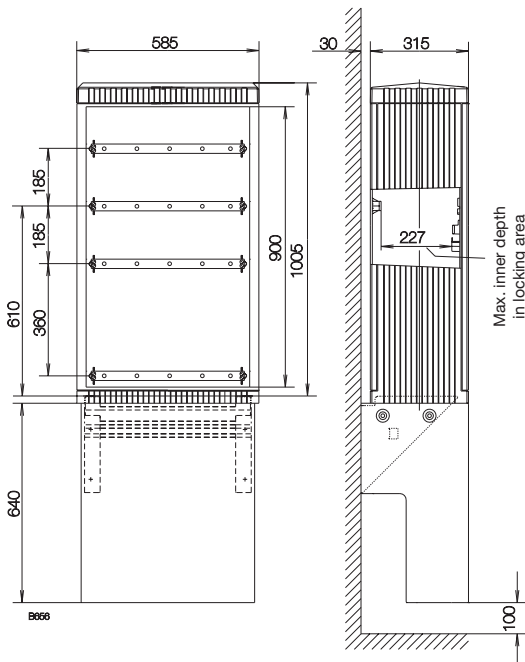
# House connection and main supply units

System  
**GEYER**

Size 0/Height 1005 - 1 door

Type

Reference No..



## Distribution cabinets with wall mounting pedestal

**Cabinet with busbar system**  
E-Cu 30 x 6 mm (4-wire)  
Max. 5 built-in units

**SK 100 GA**

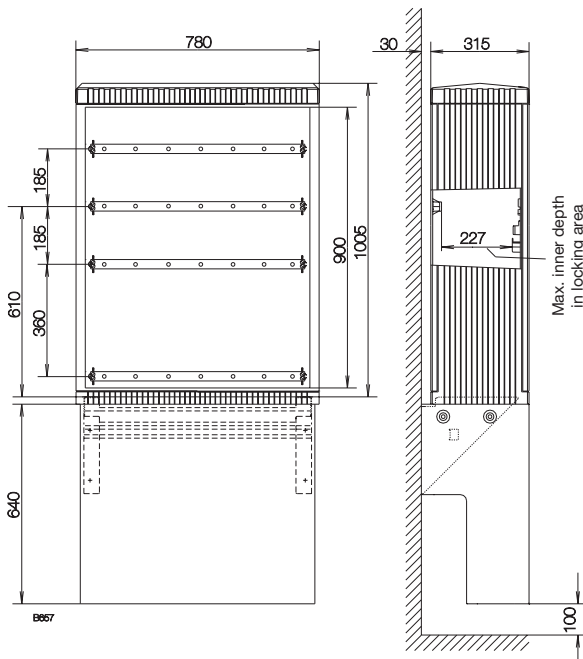
**Wall mounting pedestal size 0**  
with cover plate  
4 x Cable entries with stepped glands  
for cable 50-185 mm<sup>2</sup>

**SX 011**

Size 1/Height 1005 - 1 door

Type

Reference No..



## Distribution cabinets with wall mounting pedestal

**Cabinet with busbar system**  
E-Cu 30 x 6 mm (4-wire)  
Max. 7 built-in units

**SK 101 GA**

**Wall mounting pedestal size 1**  
with cover plate  
6 x Cable entries with stepped glands  
for cable 50-185 mm<sup>2</sup>

**SX 012**

**Note:**

Unused busbar areas have to be covered. Insulating covers, please see page H4-11.  
HRC-fuse strips, please see page H4-10.

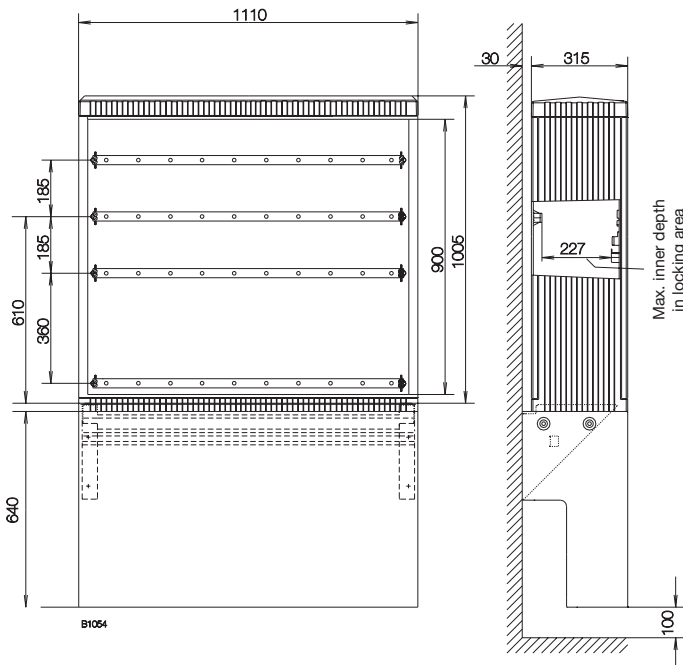
# House connection and main supply units

System  
**GEYER**

Size 2/Height 1005 - 2 door

Type

Reference No..



## Distribution cabinets with wall mounting pedestal

**Cabinet with busbar system**  
E-Cu 30 x 8 mm (4-wire)  
Max. 10 built-in units

**SK 102 GA**

**Wall mounting pedestal size 2**  
with cover plate  
9 x Cable entries with stepped glands  
for cable 50-185 mm<sup>2</sup>








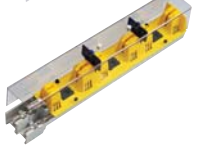




**SX 013**

**Note:**

Unused busbar areas have to be covered. Insulating covers, please see page H4-11.  
HRC-fuse strips, please see page H4-10.

# House connection and main supply units




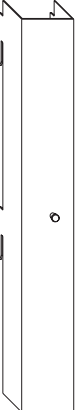
## System **GEYER** HRC-Fuse Strips

Type	Reference-No.	Type	Reference-No.
<p><b>Size 3</b></p>  <p><b>HRC-Fuse strips</b> <b>Size 3, 630 A - 690 V</b> 1-pole switchable Screw connection M12 x 30 Incoming cover Material to fix on busbars</p> <p><b>HRC Load Fuse strips</b> <b>Size 3, 630 A - 690 V</b> 3-pole switchable Screw connection M12 x 30 Incoming cover Material to fix on busbars</p>	<p>EH 341 AAB</p> <p>EH 343 AAB</p>	<p><b>Size 00</b></p>  <p><b>HRC-Fuse strips</b> <b>Size 00, 160 A - 690 V</b> 1-polig schaltbar Screw connection M8 x 20 Incoming cover Connection material</p>  <p><b>HRC-Fuse strips</b> <b>Size 00, 160 - 690 V</b> 1-pole switchable V-shaped frame direct terminals 10-95mm<sup>2</sup>, se Incoming cover Connection material</p>	<p>EH 041 AAC*</p> <p>EH 041 CAD*</p>
<p><b>Size 1 and 2</b></p>  <p><b>HRC Load Fuse strips</b> <b>Size 2, 400 A - 690 V</b> 1-pole switchable Screw connection M12 x 35 Incoming cover Material to fix on busbars</p>  <p><b>HRC Load Fuse strips</b> <b>Size 2, 400 A - 690 V</b> 1-pole switchable V-direct terminals 35-240 mm<sup>2</sup>, se Incoming cover Material to fix on busbars</p>  <p><b>HRC Load Fuse strips</b> <b>Size 2, 400 A - 690 V</b> 3-pole switchable Screw connection M12 x 30 Incoming cover Material to fix on busbars</p>  <p><b>HRC-Fuse strips</b> <b>Size 2, 400 A - 690 V</b> V-direct terminals 35-240mm<sup>2</sup>, se Incoming cover, fuse link cover Material to fix on busbars</p>  <p><b>with body cover</b> U-shaped, 1000 mm wide</p>	<p>EH 241 AAG</p> <p>EH 241 CAC</p> <p>EH 243 AAB</p> <p>EH 231 CAA</p> <p>EH 232 CAB</p>	 <p><b>HRC-Fuse strips</b> <b>Size 00, 160 A - 690 V</b> Screw connection M8 x 20 Incoming cover, fuse link cover Connection material</p>  <p><b>HRC-Fuse strips</b> <b>Size 00, 160 A - 690 V</b> V-shaped frame direct terminals 10-95mm<sup>2</sup>, se Incoming cover, fuse link cover Connection material</p>	<p>EH 052 AAC*</p> <p>EH 052 CAD*</p>
 <p><b>Shroud above busbars</b> symmetric H x B (mm) 560 x 102</p>	<p>47930</p>	 <p>with steel frame V-clamps 10-95 mm<sup>2</sup> Al/Cu (for PEN)</p> <p>with screw connection M8 x 20 (for PEN)</p>	<p>* Adapter set required for mounting</p> <p><b>Required for HRC-Fuse strips, size 00</b></p> <p><b>Adapter set with insulated protection</b> cover to fit on the space of a built-in unit load fuse strip size 2, a built-in unit of 2 load fuse strips size 00</p> <p><b>75950</b></p> <p><b>75952</b></p>

HRC fuse strips may only be used by authorized technicians or electrotechnically instructed persons.  
Locked doors are required for distribution cabinets.

# House connection and main supply units

System  
**GEYER** Connections

Type	Reference-No.
 <p><b>Direct termination</b> for aluminium and cooper conductors with mounting screw M12x55 (1pcs) scope of termination: 50 mm<sup>2</sup>, re 35–70 mm<sup>2</sup>, rm 50–185 mm<sup>2</sup>, se 35–150 mm<sup>2</sup>, sm</p>	<b>44630</b>
 <p><b>Direct termination</b> for aluminium and cooper conductors with mounting screw M12x55 (1pcs) scope of termination: 2 x 50 mm<sup>2</sup>, re 2 x 35–70 mm<sup>2</sup>, rm 2 x 50–185 mm<sup>2</sup>, se 2 x 35–150 mm<sup>2</sup>, sm</p>	<b>44631</b>
 <p><b>Direct termination</b> Steelframe-V-terminal for Al- and Cu conductors with V-shaped contact-flags and connecting screws scope of termination: 16–150 mm<sup>2</sup>, re 16–150 mm<sup>2</sup>, rm 35–240 mm<sup>2</sup>, se 35–240 mm<sup>2</sup>, sm</p>	<b>69993</b>
 <p><b>Shroud above busbars for direct terminations</b> H x W (mm) 750 x 100</p>	<b>60138</b>