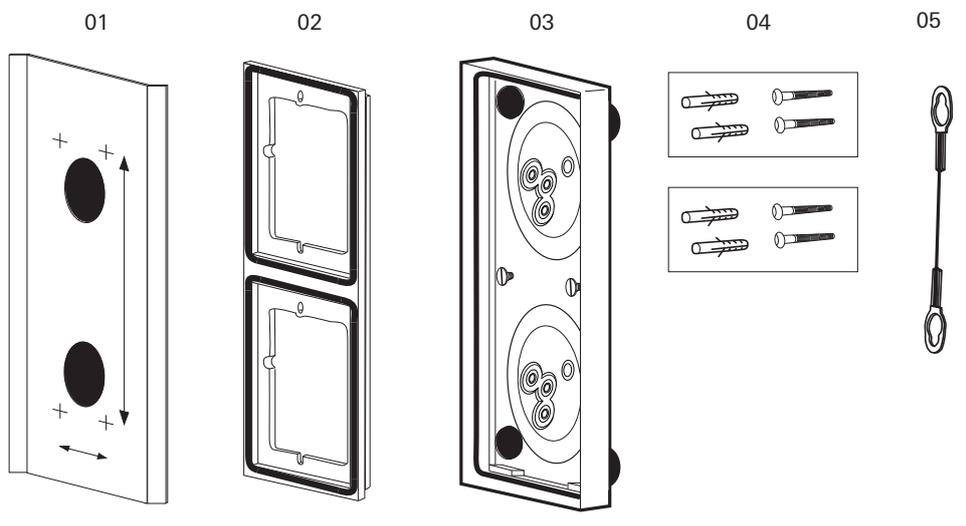


System 106 Surface-mounted housing 1- to 5-gang

- 5501 9..
- 5502 9..
- 5503 9..
- 5504 9..
- 5505 9..
- 5508 9..

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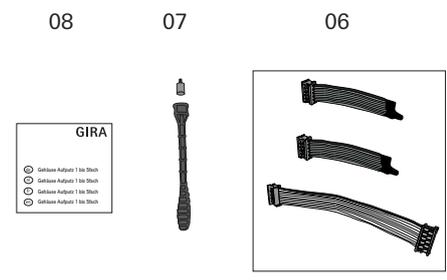
For your safety



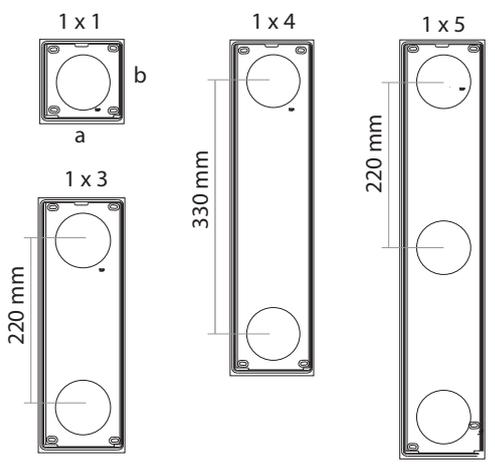
Electrical devices may only be installed and connected by a qualified electrician.

These instructions are part of the product and must remain with the end customer. Read the instructions before use and observe the information. Mounting example: surface-mounted housing, 2-gang.

01	1 x	Drilling template
02	1 x	Function carrier
03	1 x	Housing
04	2 x	Screw and dowel set (ø 6 mm)
05	1 x	Safety bond
06	1 x	System cables and terminating resistors (from 2-gang housing)
07	1 x	Bit holder and bit
08	1 x	Installation instructions

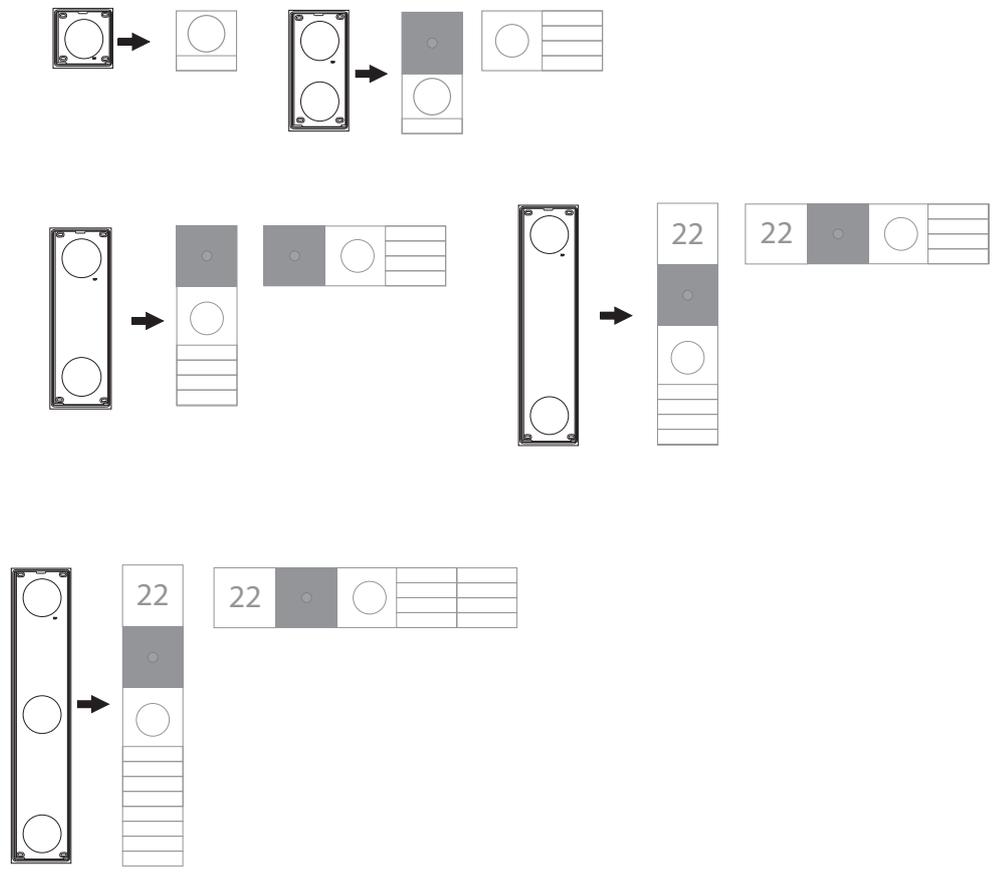


Dimensions



	a	b
1 x 1	= 106,5	x 106,5
1 x 2	= 106,5	x 213,0
2 x 2	= 213,0	x 213,0
1 x 3	= 106,5	x 319,5
1 x 4	= 106,5	x 426,0
1 x 5	= 106,5	x 532,5

Mounting examples

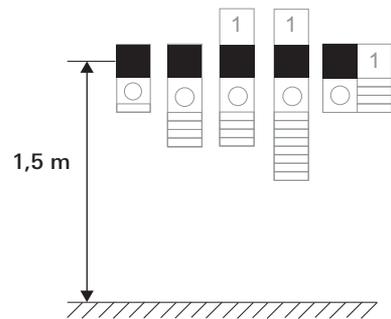


Mounting preparation

Observe installation height and cable length

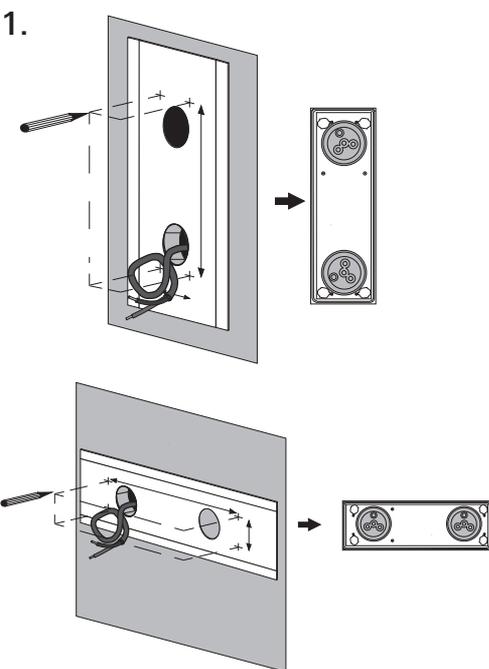
Observe recommended mounting height for camera (item no. 5561 00) or display module (item no. 5567 00). Do not plan the cable bushing for the connection cable at the height of these modules!
 Recommendation: Use lower bushing with vertical mounting.
 The connection cable should **not be longer than max. 1.5 x** the length of the used surface-mounted housing.

item no. 5561 00 / 5567 00

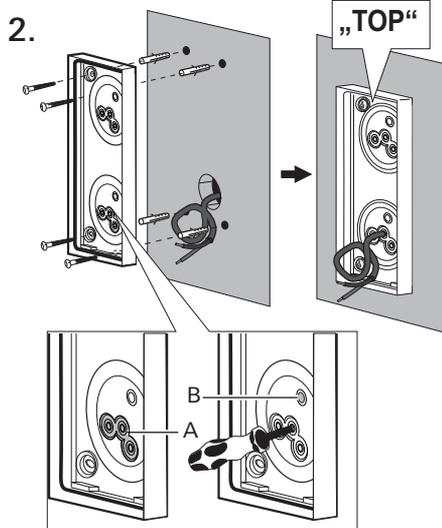


Mounting

The video on installation can be found here:

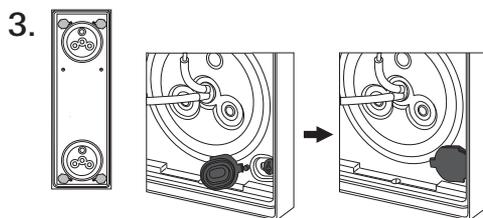
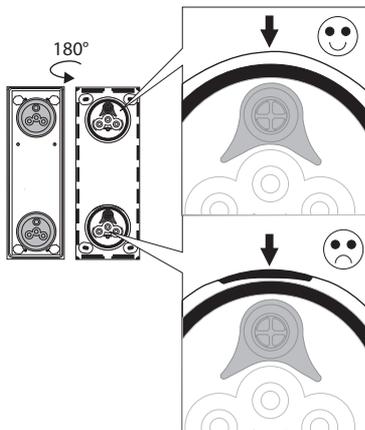


- Align the drilling template with the markings for cable entry according to the mounting type (horizontal/vertical) and mark the drill holes (ø 6mm). The included mounting material is not suitable for thermal insulation compound systems!
- Don't remove the cable entry seals!



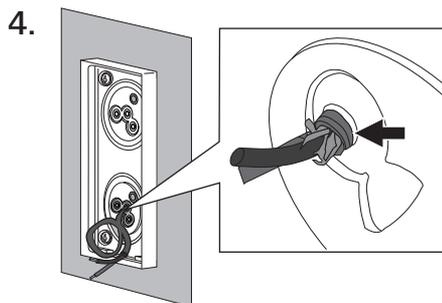
Select an opening (A) for cable entry and puncture with a round object (do not cut crosswise). Never use the membrane (B) for cable entry! Completely feed the connection line through the selected opening and install the surface-mounted housing.

If the seal cap becomes detached during installation: reinsert the seal cap and check for proper seating to ensure tightness.

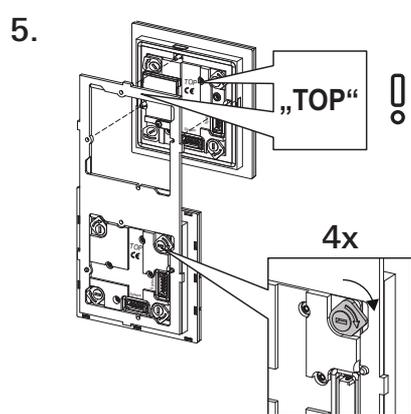


Firmly push wall fitting plug into the groove and check for proper seating.

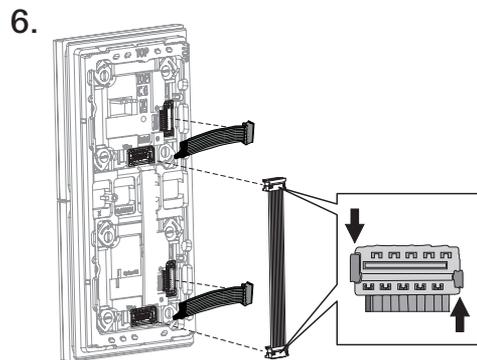
When using other screw types: Use screws with a maximum head height of 2.8 mm, e.g. screws according to DIN 7996.



Strip insulation of the connection cable as close as possible to the seal cap (see arrow). The stripped part of the connection cable **may not be behind** the seal cap as this does not guarantee a functional seal.

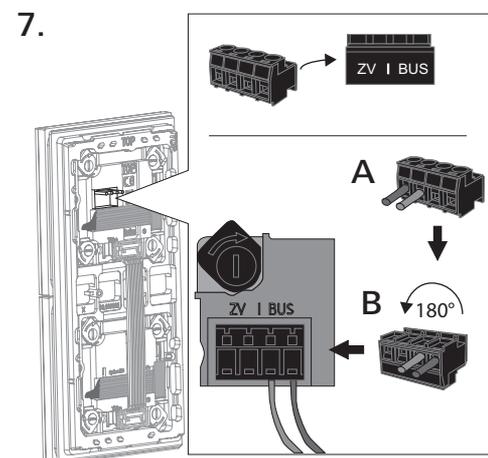


Insert the modules into the function carrier (observe TOP marking) and lock (slot screwdriver 4 x 0.8 mm). For detailed information on the module please refer to the operating instructions of the individual modules.



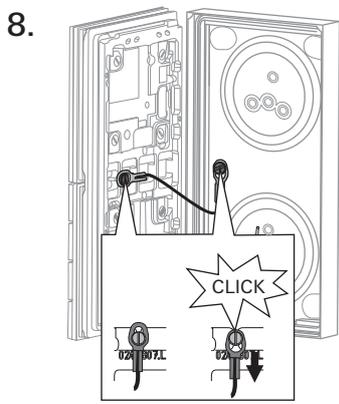
2x2

Attach the terminating resistors first, followed by the system cable. Always connect a terminating resistor to the first and last module on the system cable. **Check the plug coding!**



Trim connection cable to length and connect to plug terminal (A). Rotate plug terminal by 180° (B) and attach to the connector of the voice module or door station module.

No jumpers between BUS and ZV
 No bridges may be laid between BUS and ZV on the module. The module automatically detects whether an additional power supply is connected.



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Elektro-Installations-Systeme

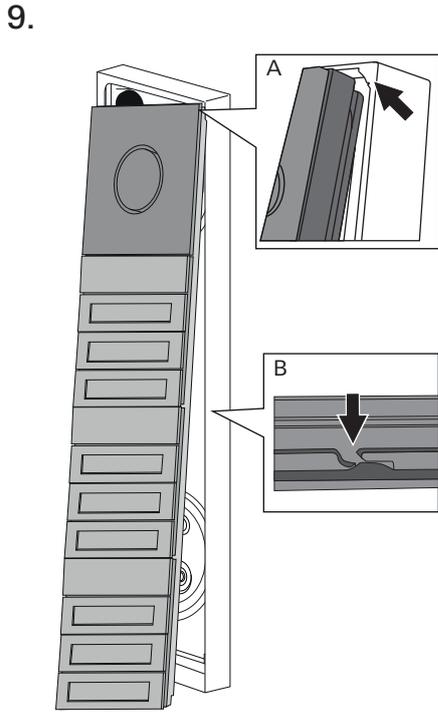
Industriegebiet Mermbach
Dahlienstraße
42477 Radevormwald

Postfach 1220
42461 Radevormwald

Tel.: +49 2195 602 - 0
Fax: +49 2195 602 - 191

www.gira.de
info@gira.de

Attach safety bond (l: 120 mm).

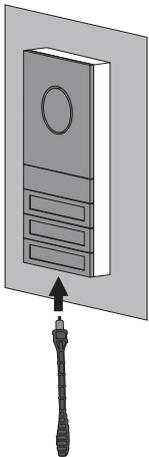


Swivel the function carriers into the surface-mounted housings (A). Do not pinch any cables.

Pay attention to the position of the line material and the safety bound!

With 4-gang and 5-gang surface-mounted housings, observe additional snap lock (B).

10.



Close surface-mounting housing using the included bit and bit holder (keep for future use). The bit holder shaft is slightly flexible and will twist once the tightening torque of the lock screw is reached.

After completed installation check all gap sizes for tightness. The lock screw may not protrude.