

PRODUCT DETAILS

The Henri collection, designed by l'ombre exclusive lighting, is characterized by a subtly rounded silhouette that curves outward to create a unique shape. The lighting fixture has a frame in brass and features a fine knurled detail. Brass ensures the high durability of the unique lighting fixture. The handcrafted Henri is finished in bronze. This elegant finish not only excludes craftsmanship but also creates a unique atmosphere around the home.

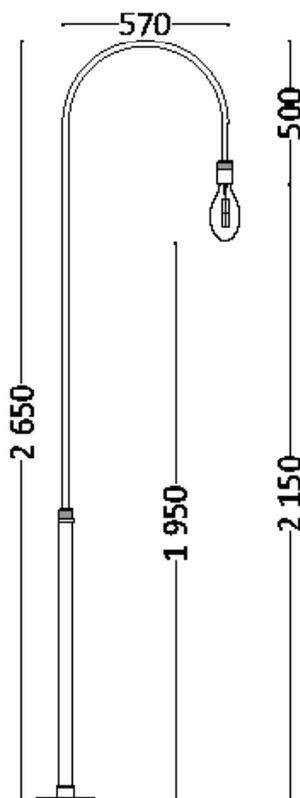
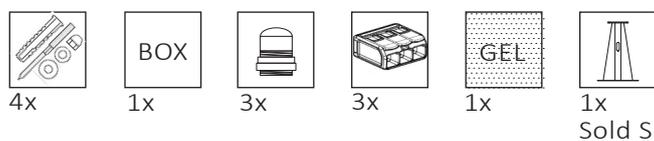


SPECIFICATIONS



PRODUCT CODE	LENGTH	WIDTH	HEIGHT	WEIGHT	MATERIAL	FINISH
HEN-L-DB	200 mm	600 mm	2650 mm	12 kg	Brass	Dark bronze
Groundspike	350 mm	350 mm	504 mm	4 kg	Inox	/

ACCESSOIRES INSIDE THE BOX: WHAT'S INCLUDED



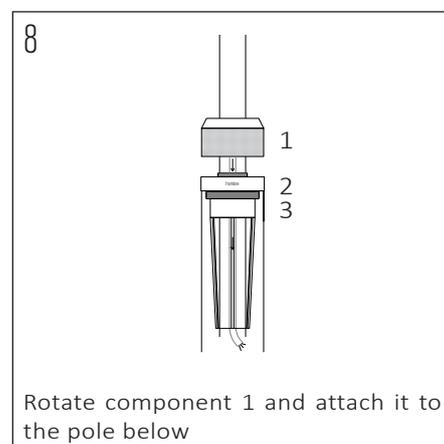
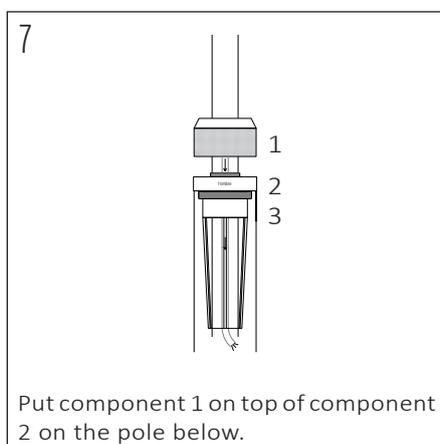
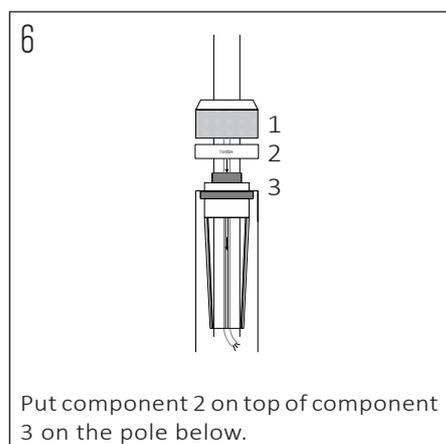
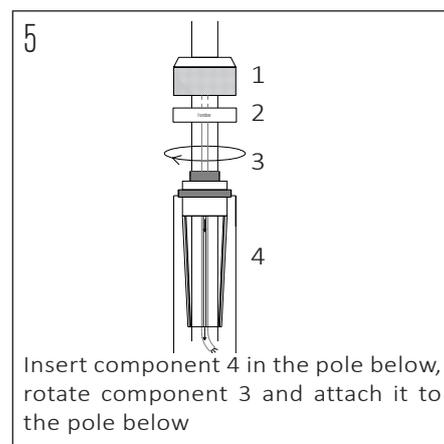
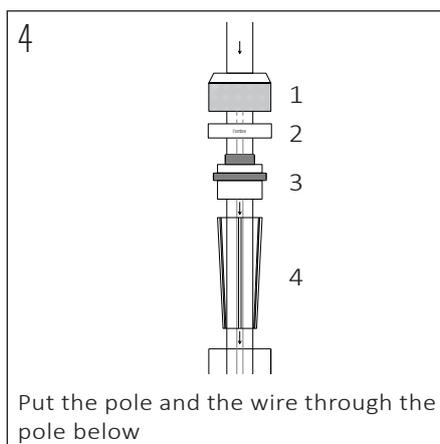
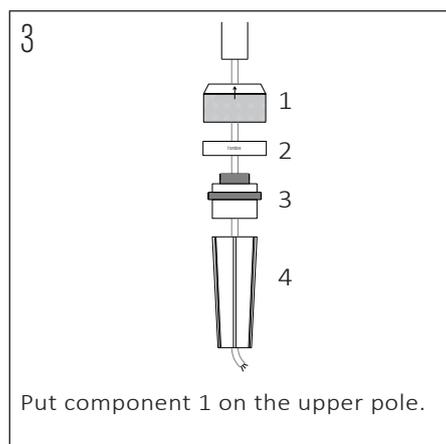
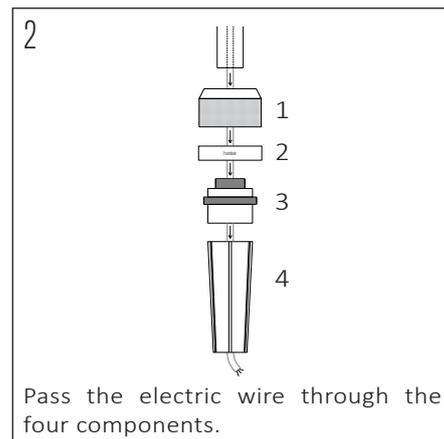
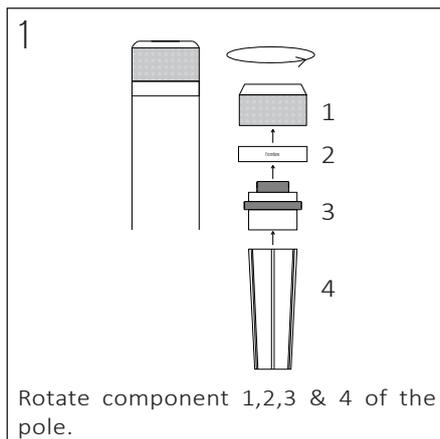
INSTALLATION GUIDE

These instructions are made for your safety. Please read them entirely before starting with the installation of the appliance.

This product may only be installed by an authorised electrical installer.

Make sure there are no other cables close by the place of the power cables.

Ensure to switch OFF the fuse before the installation



OTHER IMPORTANT INFORMATION

The warranty is invalidated when the device is opened. The lamp in the appliance must only be changed by the manufacturer. Children should be discouraged from playing with the lights. Mount the appliance on dry surfaces, otherwise it may cause discolouration of the finish. Metal finishes should only be cleaned with a soft, dry cloth. Do not use polishes or abrasives. Keep this installation sheet for future uses.

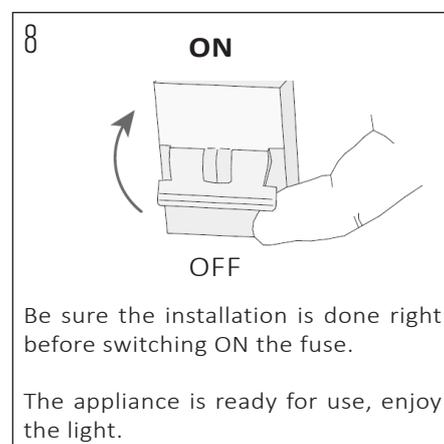
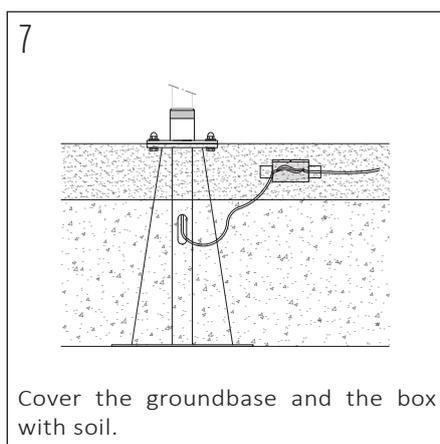
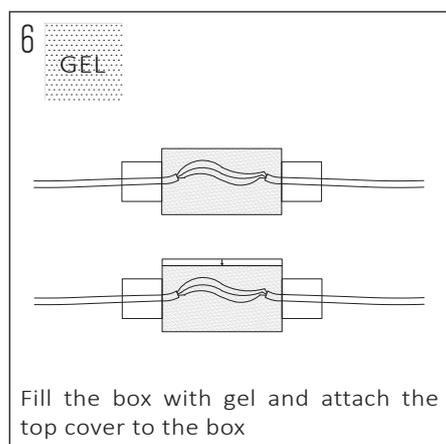
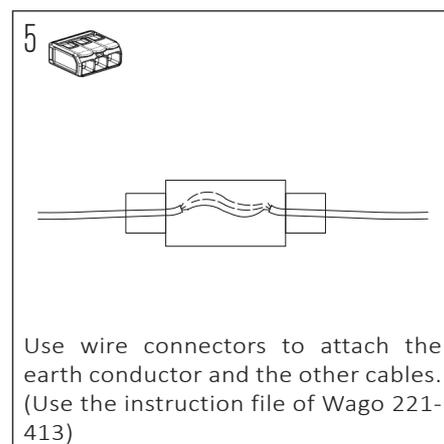
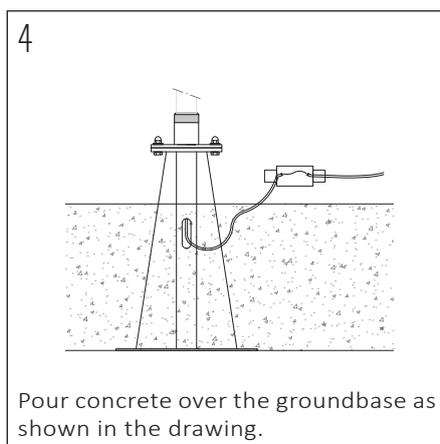
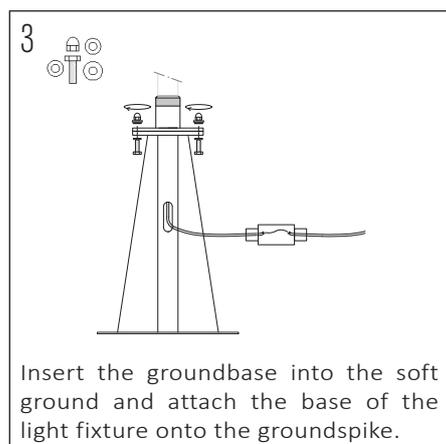
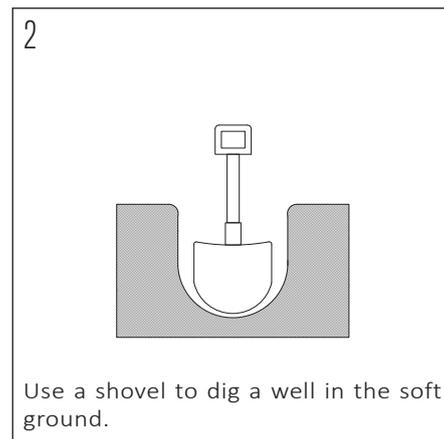
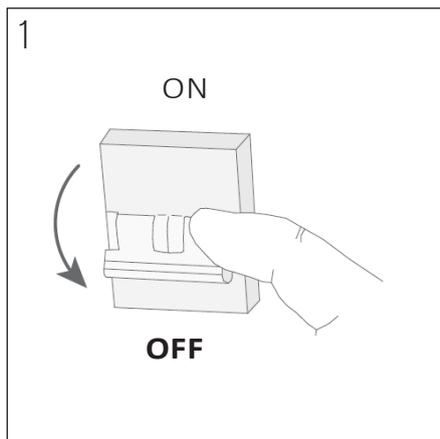
INSTALLATION GUIDE FOR SOFT GROUND

These instructions are made for your safety. Please read them entirely before starting with the installation of the appliance.

This product may only be installed by an authorised electrical installer.

Make sure there are no other cables close by the place of the power cables.

Ensure to switch OFF the fuse before the installation



OTHER IMPORTANT INFORMATION

The warranty is invalidated when the device is opened. The lamp in the appliance must only be changed by the manufacturer. Children should be discouraged from playing with the lights. Mount the appliance on dry surfaces, otherwise it may cause discolouration of the finish. Metal finishes should only be cleaned with a soft, dry cloth. Do not use polishes or abrasives. Keep this installation sheet for future uses.

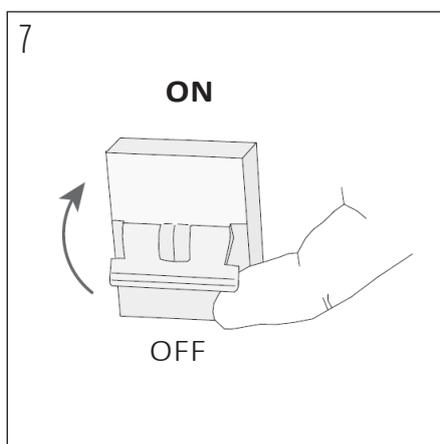
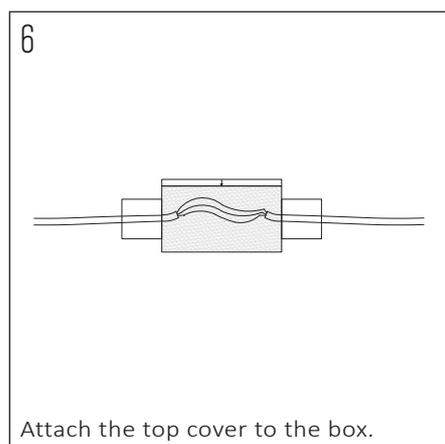
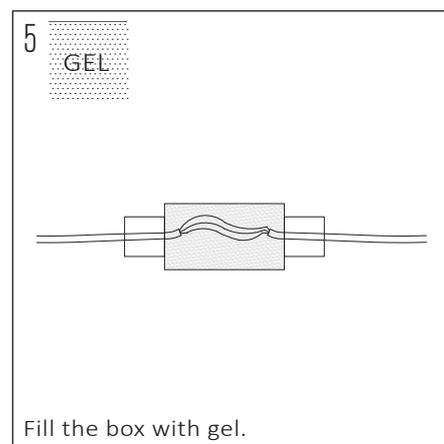
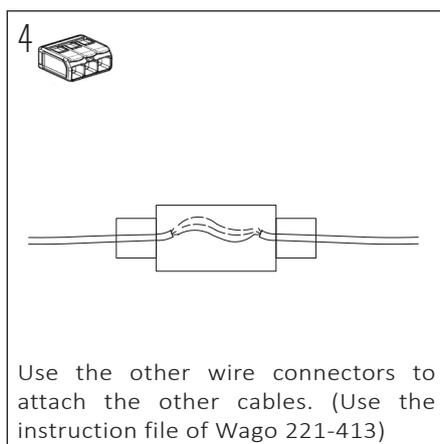
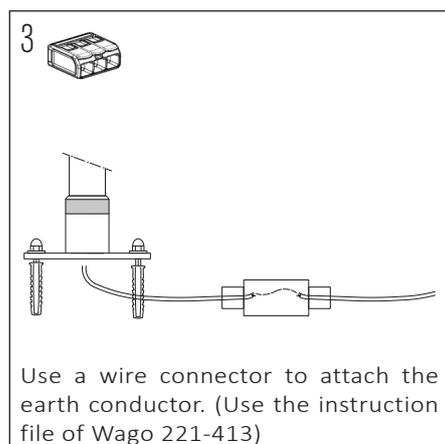
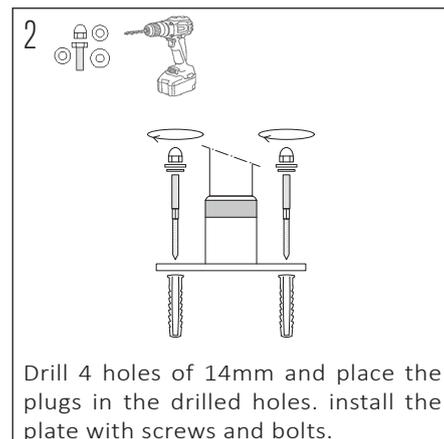
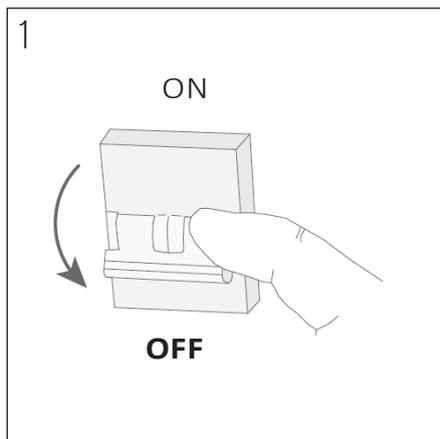
INSTALLATION GUIDE FOR HARD GROUND

These instructions are made for your safety. Please read them entirely before starting with the installation of the appliance.

This product may only be installed by an authorised electrical installer.

Make sure there are no other cables close by the place of the power cables.

Ensure to switch OFF the fuse before the installation



Be sure the installation is done right before switching ON the fuse.

The appliance is ready for use, enjoy the light.

OTHER IMPORTANT INFORMATION

The warranty is invalidated when the device is opened. The lamp in the appliance must only be changed by the manufacturer. Children should be discouraged from playing with the lights. Mount the appliance on dry surfaces, otherwise it may cause discolouration of the finish. Metal finishes should only be cleaned with a soft, dry cloth. Do not use polishes or abrasives. Keep this installation sheet for future uses.

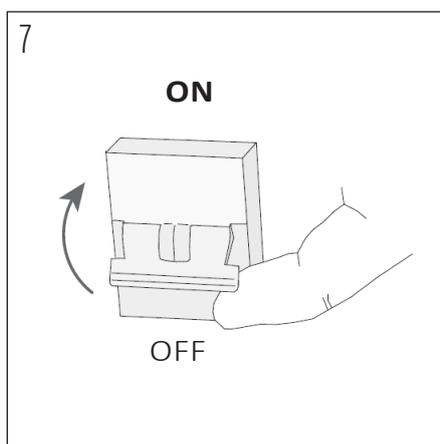
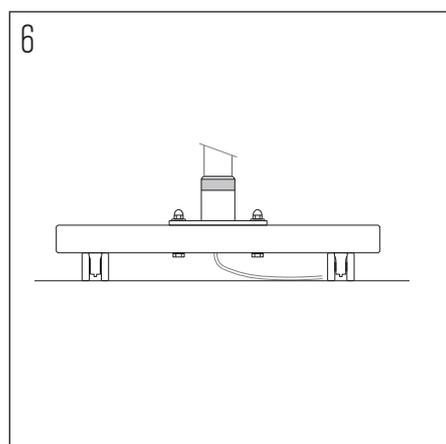
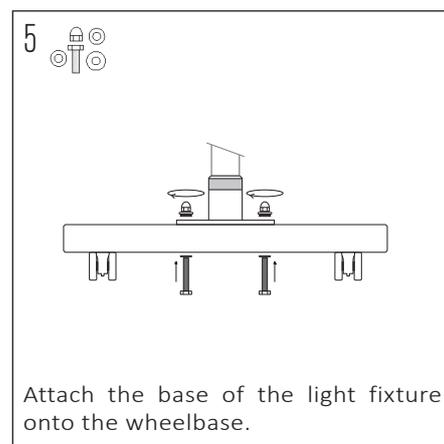
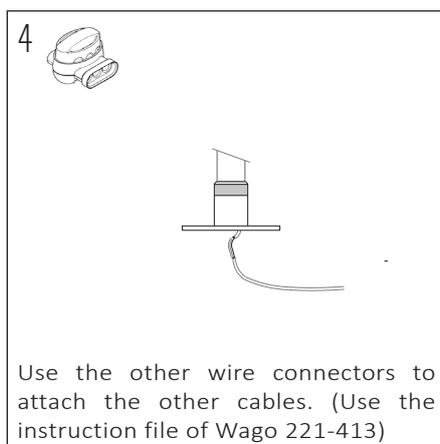
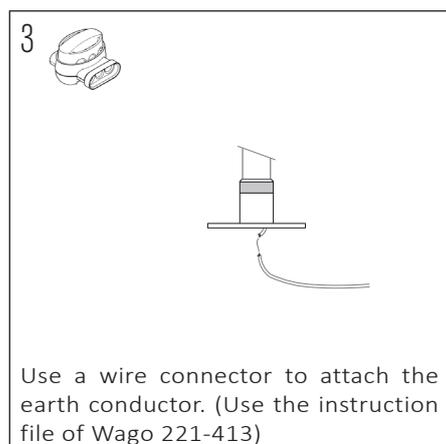
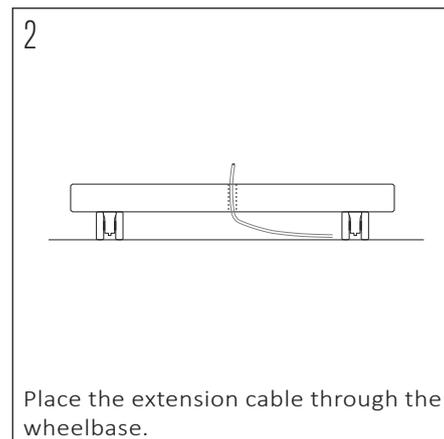
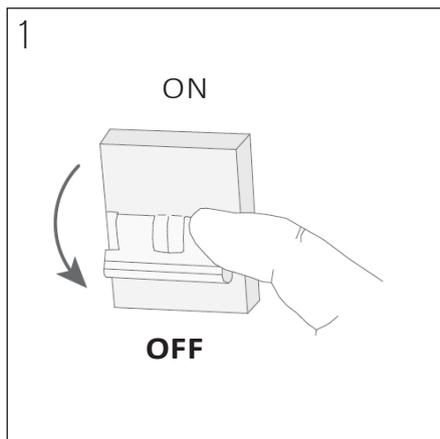
INSTALLATION GUIDE FOR WHEELBASE

These instructions are made for your safety. Please read them entirely before starting with the installation of the appliance.

This product may only be installed by an authorised electrical installer.

Make sure there are no other cables close by the place of the power cables.

Ensure to switch OFF the fuse before the installation



Be sure the installation is done right before switching ON the fuse.

The appliance is ready for use, enjoy the light.

OTHER IMPORTANT INFORMATION

The warranty is invalidated when the device is opened. The lamp in the appliance must only be changed by the manufacturer. Children should be discouraged from playing with the lights. Mount the appliance on dry surfaces, otherwise it may cause discolouration of the finish. Metal finishes should only be cleaned with a soft, dry cloth. Do not use polishes or abrasives. Keep this installation sheet for future uses.

Data sheet | Item number: 221-413

COMPACT Splicing Connector; for all conductor types; max. 4 mm²; 3-conductor; with levers; transparent housing; Surrounding air temperature: max 85°C (TB5); 4,00 mm²; transparent

www.wago.com/221-413



Item description

Your Benefits:

- Ease of use – pull the lever up, insert a conductor and push the lever back down
- Available as 2-, 3- and 6-wire connectors
- Easily terminate conductors from 0.14 to 4 mm²
- Connect solid, stranded and fine-stranded conductors
- Time savings for installers and device manufacturers
- Quickly install devices with higher levels of power consumption
- Safely install long cable runs with larger conductor cross sections
- Mounting carrier for installation conforms to standards
- Custom carriers are possible

Safety Information 1:
In grounded power lines

Data

Electrical data

Ratings per IEC/EN 60664-1

Ratings per	EN 60664
Nominal voltage (U _n)	450V
Rated surge voltage (U _s)	4kV
Rated current	32A
Legend (ratings)	(II / 2) = Overvoltage category II / Pollution degree 2

Ratings per UL 1059

Approvals per	UL 486C
Rated voltage UL (Use Group C)	600V
Rated current UL (Use Group C)	20A

Subject to changes. Please also observe the further product documentation!

WAGO Kontakttechnik GmbH & Co. KG
Hansastr. 27
32423 Minden
Phone: +49 571 887-0 | Fax: +49 571 887-169
Email: info.de@wago.com | Web: www.wago.com

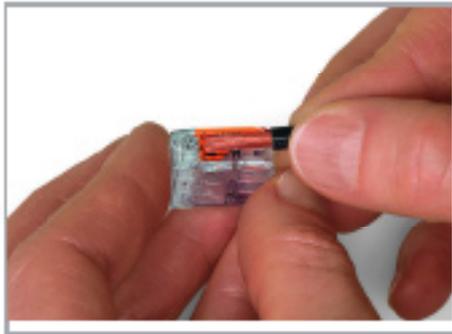
Do you have any questions about our products?
We are always happy to take your call at +32 (0) 2 7179090.

Connection data

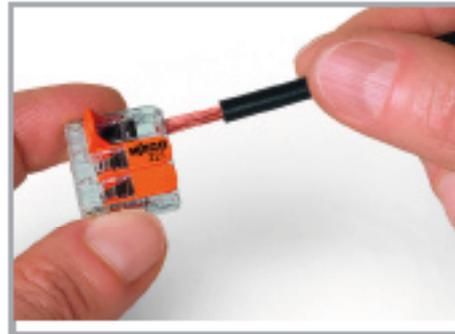
Connection technology	CAGE CLAMP®
Actuation type	Lever
Connectable conductor materials	Copper
Nominal cross-section	4 mm ²
Solid conductor	0.2... 4 mm ² / 24... 12 AWG
Stranded conductor	0.2... 4 mm ² / 24... 12 AWG
Fine-stranded conductor	0.14... 4 mm ² / 24... 12 AWG
Strip length	11 mm / 0.43 inch
Total number of connection points	3
Total number of potentials	1
Wiring type	Side-entry wiring

Installation Notes

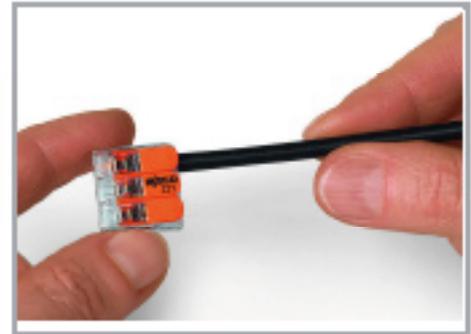
Conductor termination



Strip conductor to 11 mm (0.43 inch).



Termination: Lift the lever to open the clamping unit and insert a stripped conductor.



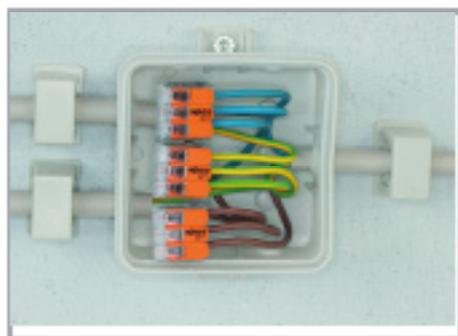
Then, lower the lever to close the clamp.

Application

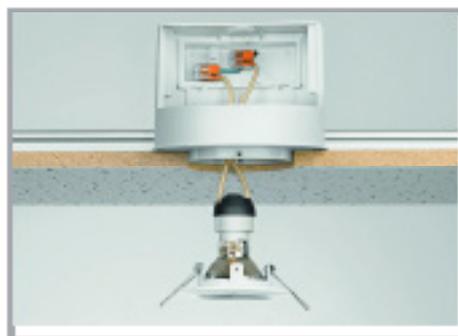
Subject to changes. Please also observe the further product documentation!

WAGO Kontakttechnik GmbH & Co. KG
Hansastr. 27
52423 Minden
Phone: +49671 887-0 | Fax: +49671 887-169
Email: info.de@wago.com | Web: www.wago.com

Do you have any questions about our products?
We are always happy to take your call at +32 (0) 2 71 79090.



Wiring fine-stranded conductors in a junction box.



Custom low-voltage lighting system



Lighting distribution in ceiling canopy



Pendant light connection in suspended ceilings



COMPACT Splicing Connectors for All Conductor Types, 4 mm² (12 AWG), 221 Series

Subject to changes. Please also observe the further product documentation!

WAGO Kontakttechnik GmbH & Co. KG
Hansastr. 27
52423 Minden
Phone: +49571 887-0 | Fax: +49571 887-169
Email: info.de@wago.com | Web: www.wago.com

Do you have any questions about our products?
We are always happy to take your call at +32 (0) 2 71 79090.



Compact, lever-operated splicing connectors:

Tool-free connection of up to five stripped, fine-stranded conductors from 0.14... 4 mm², as well as solid or stranded conductors from 0.2... 4 mm² (24... 12 AWG).

How these work:

Pull up one of the orange operating levers to open the clamping unit. Then insert the conductor and push the lever back down, flush with the connector housing.

Safety:

The specially designed rest position of the lever reliably prevents accidental unclamping of a connected conductor.

Application safety, for any type of conductor (solid, stranded, fine-stranded), is confirmed by approvals like ENEC or UL.

Subject to changes. Please also observe the further product documentation!

WAGO Kontakttechnik GmbH & Co. KG
Hansastr. 27
52423 Minden
Phone: +49571 887-0 | Fax: +49571 887-169
Email: info.de@wago.com | Web: www.wago.com

Do you have any questions about our products?
We are always happy to take your call at +32 (0) 2 71 79090.

Magic Gel & Magic Fluid

Gel: UL 94-HB 

Dielectric strength:

>23 kV/mm

Cross linking time:

fast (about 10 min. at 23°C)

Volume resistivity:

>2 · 10¹⁵ Ω cm

Working temperature:

-60°C / +200°C

Overload temperature

for short periods:

up to 250°C

Stabilised for:

mould - UV

Degree of protection:

IP68 (in proper casings)

IP68
OFFICIALLY
TESTED | 

Nonfood
Compounds
P1

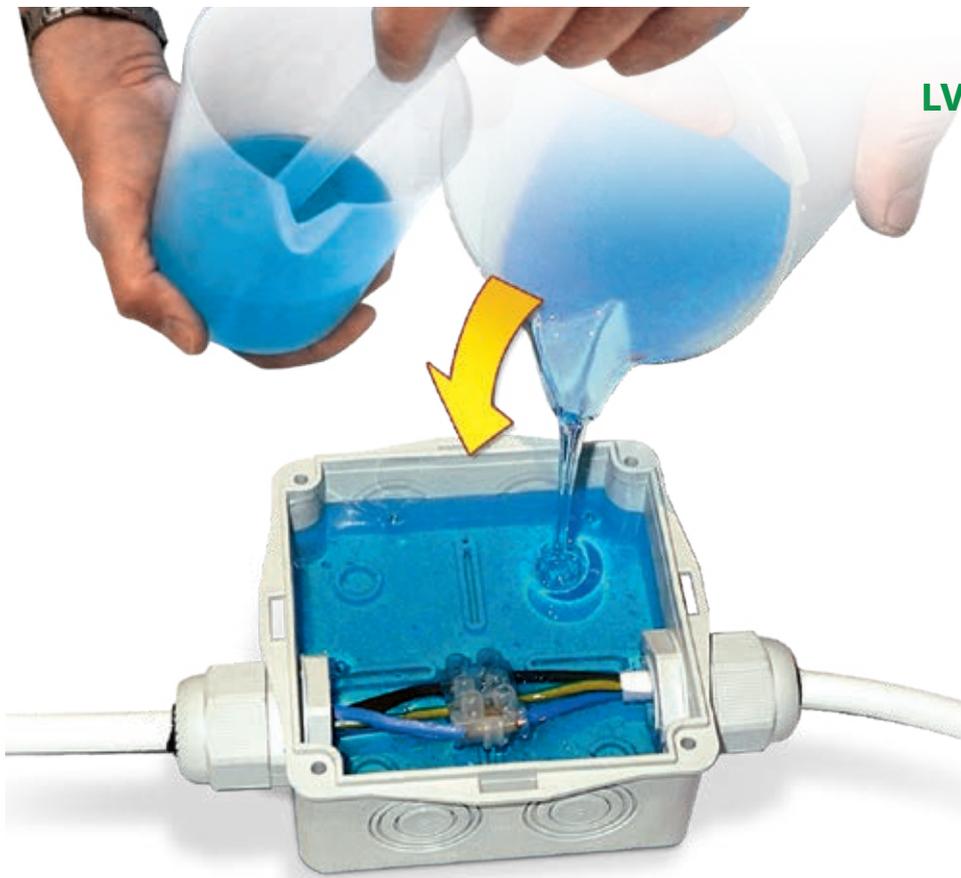


Bicomponent gel with very high dielectric and thermal characteristics, ideal for connection systems (joint shells or enclosures) for power cables.

The insulating and sealing gel, when cast in suitable casings, ensures an IP68 degree of protection and it is able to replace all types of resins. This is a self-polymer insulation in bottle or in a single use bag, with cold cross linking. Once poured, the insulation, characterized by very low viscosity, surrounds and envelopes any type of material, cross linking in less than 10 minutes. Cross linking with a very slow isothermal peak that does not thermally stress the materials it comes into contact with.

- For high temperature applications!
- Quick cross linking (only 10 minutes)
- Re-enterable also after long working periods
- The gel is not-classified as hazardous under the CLP Directive
- Low viscosity





Product	Colour	Package type	Total quantity
Magic Gel 300	●	2 bottles	300 ml
Magic Gel 420	●	1 single, bi-component bottle 1 small basin - 1 mixing spoon	420 ml
Magic Gel 1000	●	2 bottles - 1 small basin - 1 mixing spoon	1000 ml
Magic Gel 2000	●	2 single, bi-component bottles 1 small basin - 1 mixing spoon	2 x 1000 ml
Magic Gel 10000	●	2 tanks - 1 small basin - 1 mixing spoon	10 lt
Magic Fluid 90	●	Bicomponent single dose bag	90 gr
Magic Fluid 110	●	Bicomponent single dose bag	110 gr
Magic Fluid 170	●	Bicomponent single dose bag	170 gr
Magic Fluid 210	●	Bicomponent single dose bag	210 gr
Magic Fluid 420	●	Bicomponent single dose bag	420 gr
Magic Fluid 550	●	Bicomponent single dose bag	550 gr

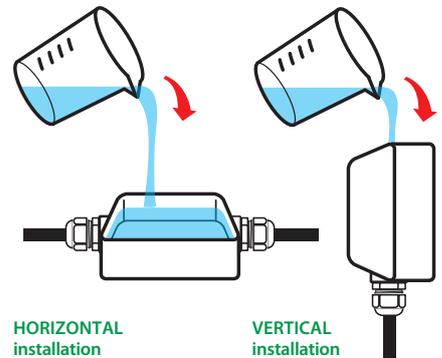


Problem ENERGY

What does a gel for this type of system have to give?

- ✓ **INSULATION:** Elevated voltages (1 kV operating, 4 kV testing)
- ✓ **THERMAL PERFORMANCE:** Operating temperature 90°C, overload temperature 130°C, short circuit temperature 250°C
- ✓ **SEALING:** Installations also possible in humid environments, flooded wells
- ✓ **DEGREE OF PROTECTION:** Must also work with water between the cores of the cable
- ✓ **CERTIFIED SYSTEMS:** The combination of insulation gel + casing must comply with current standards CEI 20-33 and EN 50393

Solution: *Magic Gel* meets all your Energy system requirements!



HORIZONTAL installation

VERTICAL installation

