

# Universal Box KG



## Perfectly waterproof in a few minutes

Humid electrical connections? Connections to be modified? Who has not been confronted with these issues. With the **Universal Box KG**, whether you splice or branch off, an **IP68** level is perfectly possible **within minutes**, using traditional and well proven technologies. The Universal Box KG is according to **DIN EN 50393**. The advantages are clear: quick installation, long term security, accessibility at all times as well as possible modifications.

Systems For Professionals

**CELLPACK**  
Electrical Products

a **BBC GROUP** company

## Universal Box KG for casting and connectors

The connection and branching box, combines the advantages of a traditional box with the well-known professional cast-resin technology. Complex connections in a very small volume can be done with this universal box. The final system guarantees an absolute waterproof solution, excluding all condensation risks. The transparent and re-enterable resin allows an easy control and modification of the connections.



### Product benefits

- Permanent and long term protection against humidity – waterproof – protection class IP 68
- To be used for branch and in-line connections universal
- High flexibility – re-Open and re-seal the KG Box, the well-known and removable “crumbly” KG cast resin makes it possible to rebuild the electrical connection easily
- The transparent KG resin allows an easy control and visual inspection of the electrical connection
- The 13 flexible membranes simplify to enter the cables, also from the back – it’s not necessary to pre-drill
- The cover of the box is joined to the main body therefore it’s impossible that the cover falls down
- Easy vertical filling with the funnel
- The spring clamps are also included together with all other accessories
- The cable retention rings CP-Z1, offer an additional stabilisation and prevent the cables of slipping out of the box inlet

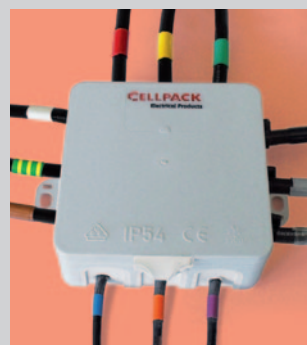
### Applications and properties

- Indoor with high humidity level
- Outdoor
- IP 68 Protection class
- In-Line and branch box with 13 flexible membranes, L 85 x W 85 x H 43 mm
- Spring clamps included
- For cable cross sections from 0.5 to 2.5 mm<sup>2</sup>
- The cover of the box is joined to the main body
- Filling level marked on the box
- Salt water-resistant
- UV-resistant
- Halogen free
- Environmental friendly
- Transparent and removable KG resin
- Cable retention rings CP-Z1 for cable diameter from 6.5 to 14 mm
- Long life product under permanent humidity conditions



Anywhere a permanent waterproof connection with an IP68 protection class connection box is required, like for example in car washing systems, pumping chamber, gate gear, garden lighting systems the solution is the Universal Box KG.

**IP68**





# Completely waterproof – Universal use!

## Voltage application

- 230/400V

## Tests

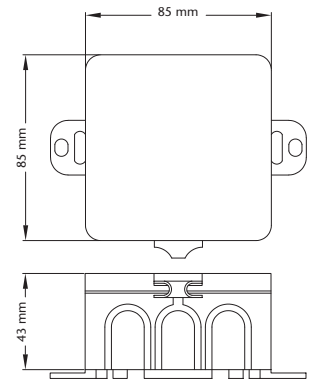
- Fulfils IP68 Protection class
- DIN EN 50393 (VDE 0278 Part 393)

## Dimension of the Box

Length: 85 mm

Wide: 85 mm

Height: 43 mm



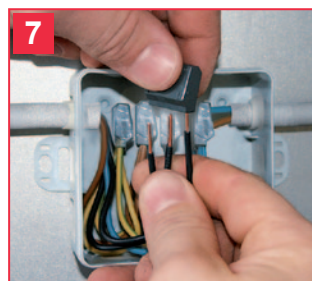
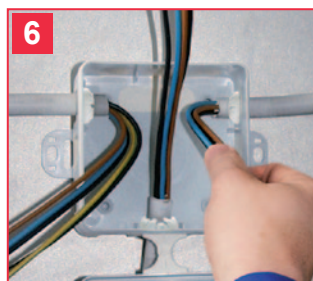
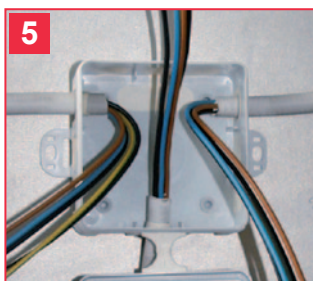
## Kit Content

- Practical connection box with membrane entries
- 286 ml transparent removable KG cast-resin
- 5 Connection clamps for cable cross sections 0.5 – 2.5 mm<sup>2</sup>.
- Cable retention CP-Z1, 12 rings
- Cleaning cloth
- Emery cloth
- Funnel for an easy vertical filling
- Mounting instructions




! For re-filling the KG resin can be re-ordered separately

The user friendly Universal box KG can be mounted and installed in only few steps:



| Product                 | Content | Article Number |
|-------------------------|---------|----------------|
| <b>Universal Box KG</b> |         |                |
| <b>Universal Box KG</b> | Set     | <b>221122</b>  |



| <b>Resin for re-filling</b>   |         |               |
|---|---------|---------------|
| <b>Resin KG</b>   | 143 ml  | <b>125165</b> |
|  | 286 ml  | <b>125166</b> |
|   | 730 ml  | <b>125167</b> |
|   | 2000 ml | <b>255159</b> |

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