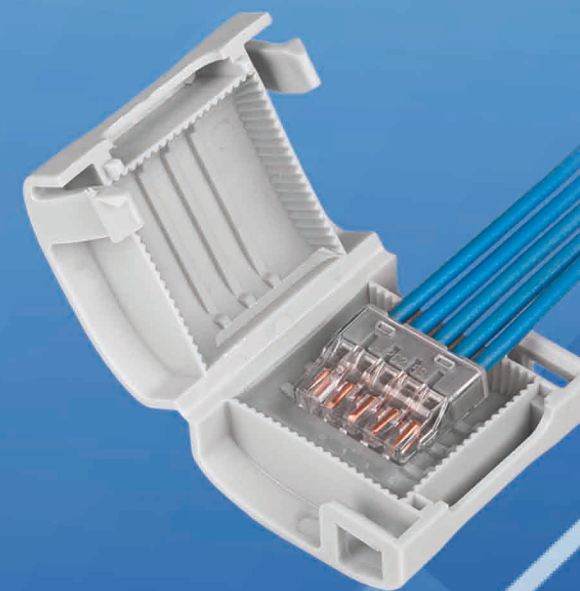
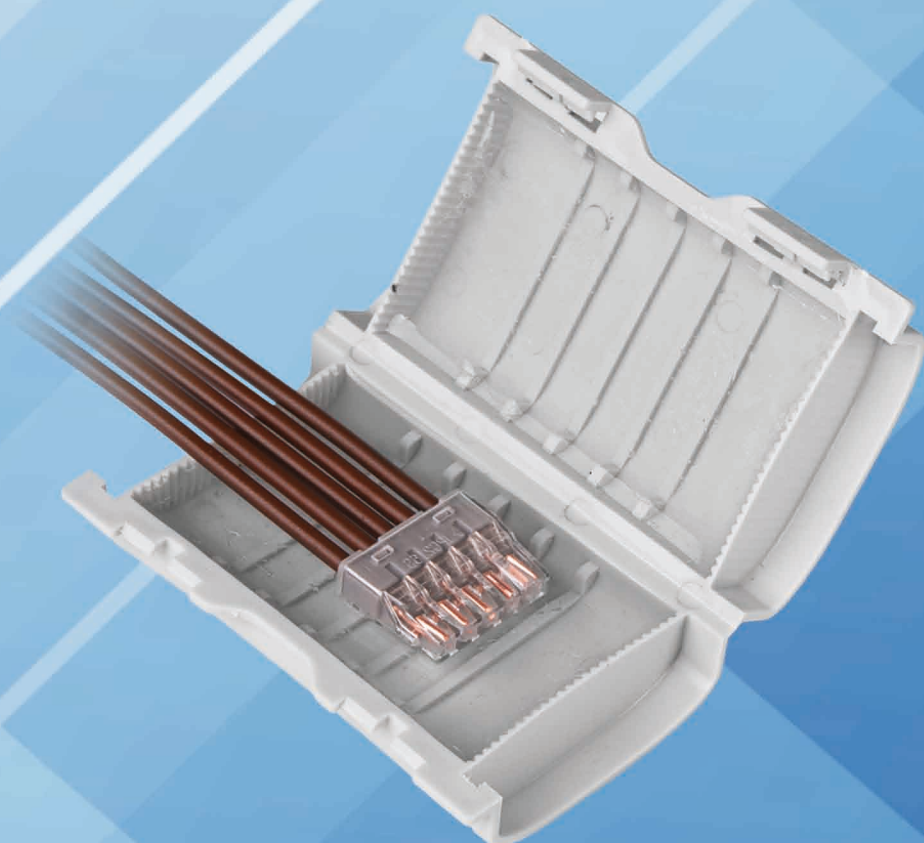
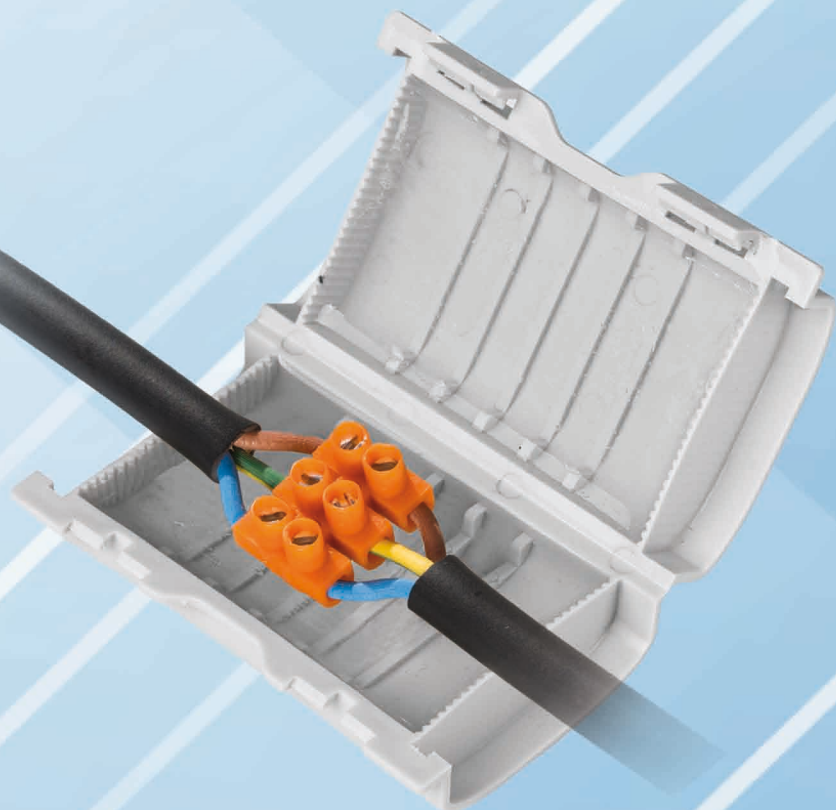




GEL  
JOINTS



## Minigelbox



Gel joints providing protection for terminal blocks.

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Issue: September 2022



# Minigelbox

The gel joints are intended for protection of connections against external factors, e.g. dust, water. They are characterised by a robust polypropylene housing, while their interior is filled with an insulating gel. Furthermore, they are available in three versions with different dimensions.

## TECHNICAL DATA

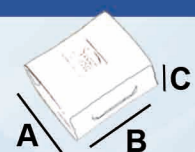
MGB2



MGB3



MGB5



Catalogue no.	89 000 002	89 001 002	89 002 002
Internal dimensions A/B/C [mm]	28 / 30 / 18	30 / 37,6 / 18	38 / 60 / 18
External dimensions A/B/C [mm]	38 / 42,4 / 26	38 / 52 / 26	46,2 / 74 / 26
Material	polypropylene	polypropylene	polypropylene
Operating temperature	up to 90 °C	up to 90 °C	up to 90 °C
Protection rating	IP68	IP68	IP68
Collective packaging	30	30	25

### GEL JOINT STRUCTURE

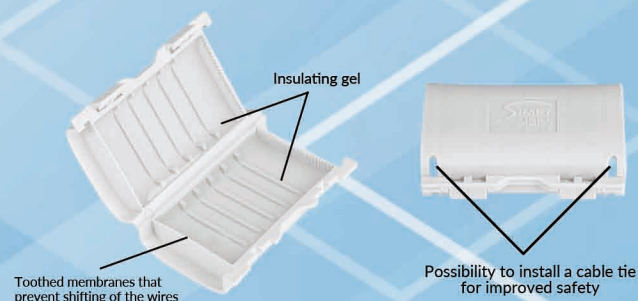
The interior of these gel joints is equipped with ribs that strengthen their structure. Moreover, the gel joints are filled with an insulating gel, which ensures protection against the ingress of water, dusts, as well as other factors that may deteriorate the electrical connection. Protection against shifting of the wires is ensured by toothed membranes, which are located at the ends of gel joints.

### CHARACTERISTICS

- Operating temperature up to 90 °C
- Protection rating IP68
- Unlimited shelf life
- Wide range of operating temperature
- Resistance to UV radiation

### STANDARDS

- EN 50393 (0.6/1kV)
- EN 60529
- RoHS Directive 2011/65/EC
- EN 60695-2-11



## INSTALLATION

The gel joints can be installed in a very easy way, without the use of any tools. Furthermore, their compact housing allows for easy use in confined spaces. Three different housing variants enable the installation of several quick disconnect terminal blocks in one gel joint, which saves additional space in the branching junction box.

The installation of terminal block in a gel joint:

1. Remove insulation from the wires in accordance with the dimensions indicated for a given quick disconnect terminal block.
2. Insert the wires into openings of the quick disconnect terminal block.
3. Place the terminal block inside the gel joint by dipping it into the gel, and then close the gel joint using latches.

The photographs provided below present an example application of the gel joints.

