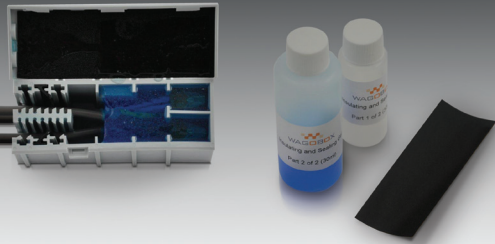## Wagobox IP68 Kit

Need to Waterproof your Wagobox?

- A simple and cost effective method of water and dust proofing your Wagobox.
- Easy to mix and apply.
- The waterproof gel can be used with the 773 and 222 ranges of terminals that are prepared with Alu-plus contact paste.
- Find out more about the Wagobox IP68 kit and Alu-paste at: **www.wagobox.com**

Wagobox-Light

Have you tried the Wagobox-Light?
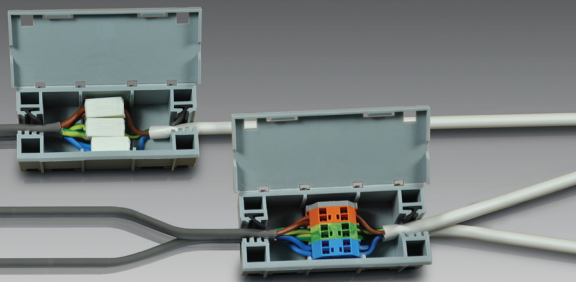
- A multipurpose enclosure.
- Designed for use with the Wago 224 and 260 series terminal blocks.
- Compact size and quick grip cable clamps make an excellent solution for downlighter applications.
- BS EN 60670-22 compliant, it meets all the requirements of the 17th edition of BS7671.

Wagobox

A multipurpose electrical junction enclosure that has been designed for use with the Wago 222 and 773 series terminal blocks. The Wagobox is **easier to use**, **quicker to fit** and **more configurable** than any other junction box of it's size. It is the first of its type and redefines the standard for general purpose domestic and commercial junction boxes.

Fast
- Installing a Wagobox can take as little as 25% of the time it takes to install a screw terminal style junction box.
- Cables are cut to size and connected outside the box.
- No awkward connections in a small space.

Easy to use
- No screws or fiddly clamp bars.
- Cables slot into position and are secured in seconds.
- Uses simple to fit Wago pushwire and lever clamp terminals.

Compact
- Dimensions: 39mm x 44mm x 108mm.
- Supports up to 6 cables.
- Fits through a 60mm diameter spot light hole.

Configurable
- The integrated cable clamp can secure flex and 6242Y and 6243Y cables from 1.0mm² to 6.0mm² twin and earth.
- Robust cable grippers that can be configured in seconds to grip cables up to 8.00mm in diameter.
- Mix and match the Wago 222 and 773 terminal blocks to suit the job with up to 24 individual terminations.

Professional
- Complies with BS EN 60670-22.
- Configurable to BS 5733-MF.
- Meets all the requirements of the 17th Edition of BS 7671

Wago Terminals

WAGO® Pushwire Terminal Blocks
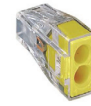
773-102
2-Pole Pushwire
Conductor sizes:
0.75mm² - 2.5mm² Solid Core
1.5mm² - 2.5mm² Stranded Core
Current rating: 24A
Voltage rating: 400V/4KV

773-104
4-Pole Pushwire
Conductor sizes:
0.75mm² - 2.5mm² Solid Core
1.5mm² - 2.5mm² Stranded Core
Current rating: 24A
Voltage rating: 400V/4KV

773-106
6-Pole Pushwire
Conductor sizes:
0.75mm² - 2.5mm² Solid Core
1.5mm² - 2.5mm² Stranded Core
Current rating: 24A
Voltage rating: 400V/4KV

773-108
8-Pole Pushwire
Conductor sizes:
0.75mm² - 2.5mm² Solid Core
1.5mm² - 2.5mm² Stranded Core
Current rating: 24A
Voltage rating: 400V/4KV

773-173
3-Pole Pushwire
Conductor sizes:
2.5mm² - 6.0mm² Solid Core
2.5mm² - 6.0mm² Stranded Core
Current rating: 41A
Voltage rating: 400V/4KV

WAGO® Lever Clamp Terminal Blocks

222-412
2-Pole Cage Clamp
Conductor sizes:
0.08mm² - 2.5mm² Stranded/Solid Core
0.08mm² - 4.0mm² Flex Core
Current rating: 32A
Voltage rating: 400V/4KV

222-413
3-Pole Cage Clamp
Conductor sizes:
0.08mm² - 2.5mm² Stranded/Solid Core
0.08mm² - 4.0mm² Flex Core
Current rating: 32A
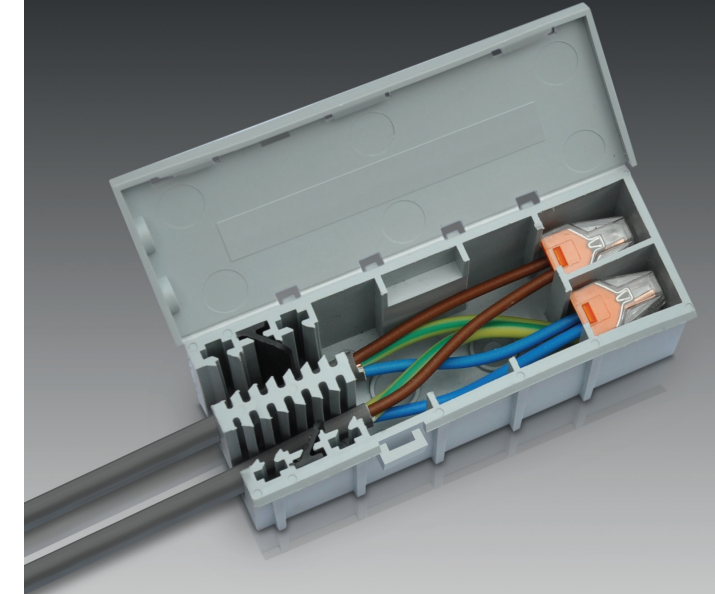**Voltage rating:** 400V/4KV

222-415
5-Pole Cage Clamp
Conductor sizes:
0.08mm² - 2.5mm² Stranded/Solid Core
0.08mm² - 4.0mm² Flex Core
Current rating: 32A
Voltage rating: 400V/4KV

CONNEXBOX®

Wagobox
a junction box innovation

Quick, easy to fit, compact and configurable

CONNEXBOX®

Installation Instructions
### For BS EN 60670-22 Accessory

The Wagobox enclosure is designed for use with the WAGO 222 and 773 series of terminal blocks. The Wagobox is rated up to 400V and can support conductor sizes from $0.08mm^2$ to $6.0mm^2$. The maximum number of supported individual conductor connections is 24 at $1.0mm^2$ to 6 at $6.0mm^2$. The cable clamp can grip cables with an overall diameter between 3mm and 8mm.

If you are in anyway unsure about any of the following steps or how to connect the circuit, then consult a qualified electrician.

Incredibly Simple...

The Wagobox is easy to use and fast to fit, just follow the steps below and see how the Wagobox will revolutionise the way you work.

1 **Strip back the outer protective sheath** of the cable 60mm - 80mm.

60 - 80mm
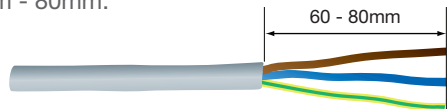
2 **Select the appropriate 773 or 222 terminal block** for the circuit to be connected.
Strip insulation to recommended length.

773 Pushwire

Solid
Stiff Stranded
12-13mm
$1.0 - 2.5mm^2$
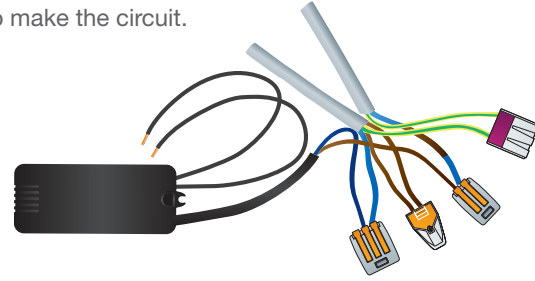
773 - 173 Pushwire

Solid
Stiff Stranded
12-13mm
$2.5 - 6.0mm^2$

222 Lever Cage Clamp

Solid $(.08 - 2.5mm^2)$
Stiff Stranded $(.08 - 2.5mm^2)$
Flex $(.08 - 4.0mm^2)$
9-10mm

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3 **Connect the cables** together to make the circuit.

4 **Configure the cable clamp** by putting the black plastic grippers in the correct position for the size of cable being used

| a | b | c | d |
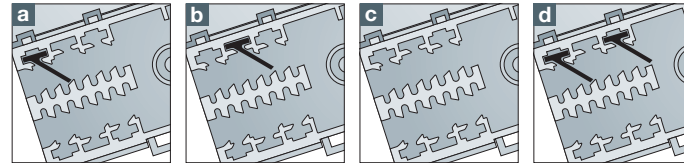
a **Tight Position** for small cables such as 1.0 and $1.5mm^2$ twin and earth.

b **Offset Position** for medium size cables such as 2.5 and $4.0mm^2$ twin and earth.

c **No Gripper** required for large cables such as $6.0mm^2$ twin and earth

d **Optional extra gripper** position for extra grip on very small 2 core flex *(May require the purchase of an additional gripper)*

5 **Arrange your terminals** and **slide them into the receptacles.**

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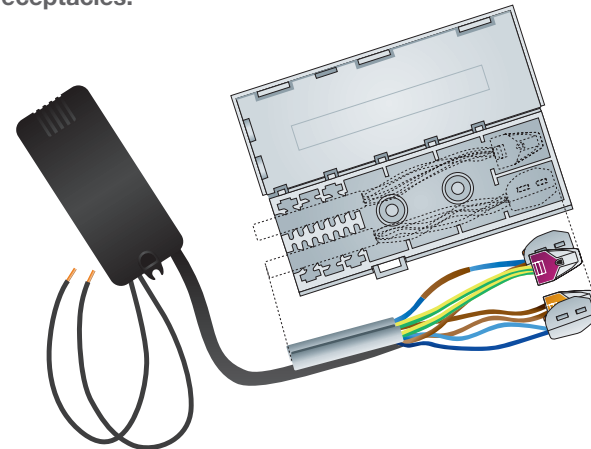
6 When **fitting the cables into the cable clamp** the sides of the box need to be eased apart to make an opening. It is normal for the entrance to be splayed apart with the cables in place.
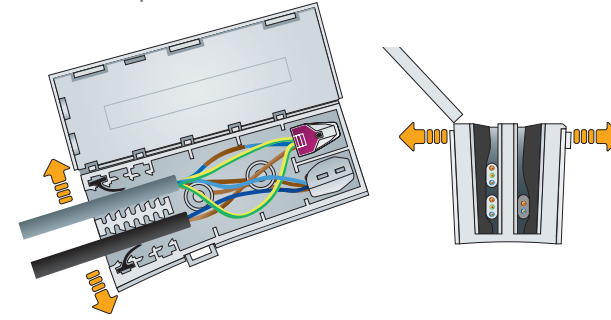
7 Try to keep cables of a similar size together in the same slot and simply **push them into the slot as far as they will go.**

Once all the cables are installed, firmly squeeze the gripper end of the box together and **snap shut the lid** so that it is held securely by the 3 locking tabs.
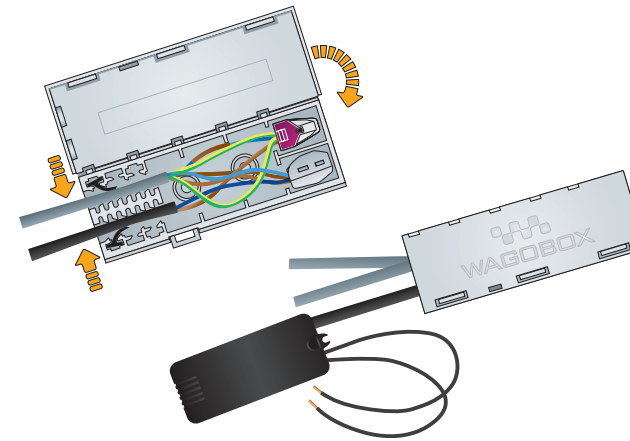
8 If required the Wagobox can be fitted to a surface using the Wagobox **mounting button** feature. (May require purchase of mounting button)
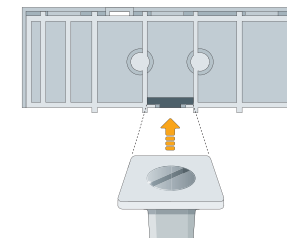
Installation Instructions
For BS 5733-MF (Maintenance Free Accessory)

In situations where you need to install a Wagobox in an inaccessible location the following instructions must be followed. This ensures the completed accessory complies with the requirements of BS 5733 for a maintenance free accessory. Only WAGO 773 and 222 Series terminals are permitted for use with a Wagobox in maintenance free locations.

1 Apply BS 5733 Rating Requirements. Please note the terminal ratings in the table below are different to those published by WAGO. These terminal ratings must be used when selecting the appropriate terminals to assemble a BS 5733 maintenance free accessory.

Terminal Models	Max Terminal Current Rating	Max Cable csa mm²	Max Aggregate Current (Max I_{ag})
773 - 102 773 - 104 773 - 106 773 - 108	20A	2.5	50A
222 - 412 222 - 413 222 - 415	20A	2.5	50A
773 - 173	32A	6.0	64A

The Max Aggregate Current (I_{ag}) is the sum of all the possible currents through the Wagobox in normal use. This limit must not be exceeded. Usually the max I_{ag} equals the number of phase terminals in the Wagobox multiplied by the rating of the OPD* for the circuit. There are some exceptions to this rule, so if you are in anyway unsure how to calculate the maximum aggregate current please consult a qualified electrician. For further information on calculating the Max I_{ag} of a Wagobox configuration please visit: http://www.wagobox.com/support and look in the FAQ section for additional support documents.

2 Follow Wagobox BS EN 60670-22 installation instructions ensuring all phase terminals are fitted into the receptacles in the Wagobox.

3 Secure the Wagobox lid using the tie-wrap locking point. Ensure the completed Wagobox is not covered by insulating material.
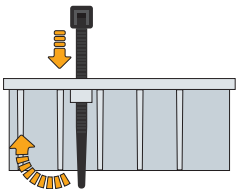
*Over current Protective Device