WAGOBOX Light
Part No. 51257303 (Pack of 10)

A multipurpose electrical junction enclosure that has been designed for use with the 224 Series connectors. The WAGOBOX **Light is easy to use and quick to fit**.

Fast

- Installing a WAGOBOX Light 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 WAGOBOX Light.
- No awkward connections in small spaces.

Easy to use

- No screws or fiddly clamp bars.
- Cables slot into position and are secured in seconds.
- Uses simple to fit 224 Series lighting connector.

Compact

- Dimensions: 39mm x 29mm x 95mm.
- Supports up to 3 cables.
- Fits through a 49mm diameter spotlight hole.

Configurable

- The integrated cable clamp can secure flex, 6242Y and 6243Y cables from 0.5 - 2.5mm² twin and earth.
- Robust cable grippers that can be configured in seconds to grip cables up to 8mm in diameter.
- Use with 224-101 and 224-112 lighting connectors to suit the job.

Professional

- Complies with BS EN 60670-22.
- Meets all the requirements of the 17th Edition of BS 7671.

WAGO Connectors
224 Series Lighting Connector

224-101 / 2-con
Installation side:- 1 - 2.5mm² "s"
Lighting side:- 0.5 - 2.5mm² "s" / "f-st"
400V/4kV/2❶ - 24A

224-112 / 3-con
Installation side:- 1 - 2.5mm² "s"
Lighting side:- 0.5 - 2.5mm² "s" / "f-st"
400V/4kV/2❶ - 24A

224-201 / 2-con
0.5 - 2.5mm² "s" / "f-st"
400V/4kV/2❶ - 24A

"s" solid   "f-st" fine stranded
❶ In grounded (earthed) supply systems

WAGOBOX Light
A Junction Box Innovation

- Fast
- Easy to use
- Compact
- Configurable
- Professional

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Installation Instructions
For BS EN 60670-22 Accessory

The WAGOBOX Light enclosure is designed for use with the 224 Series connectors. The WAGOBOX Light is rated up to 400V and can support conductor sizes from 0.5 - 2.5mm². The maximum number of supported individual conductor connections is twelve when using the 224-112 connectors.

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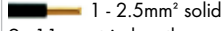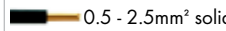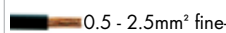
Incredibly Simple...

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

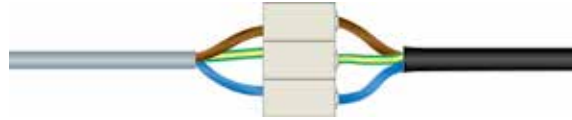1. Strip back the outer protective sheath of the cable 35mm.

    35mm

2. Select the appropriate 224 Series connector for the circuit to be connected. Strip insulation to recommended length.
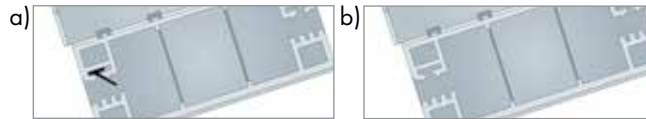
Installation side	Lighting side
1 - 2.5mm² solid	0.5 - 2.5mm² solid
9 - 11mm strip length	0.5 - 2.5mm² fine-stranded
	9 - 11mm strip length

WAGOBOX Light from CONNEXBOX®
www.connexbox.com

3. Connect the cables together to make the circuit.
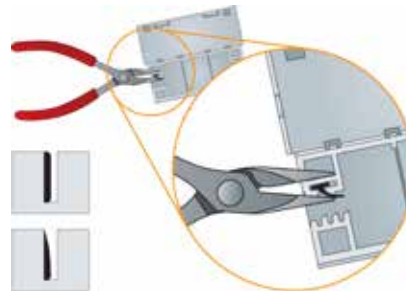

4. Configure the cable clamp with the black plastic cable gripper.
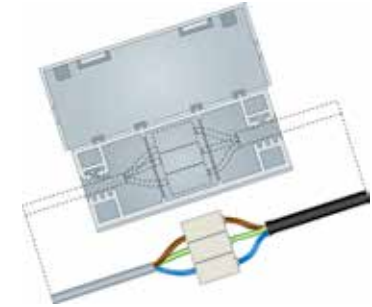

    a) The black plastic gripper should be left in place for cables with an overall diameter less than 6mm. Typically this will be 1mm², 1.5mm² and 2.5mm² (6242Y) twin and earth and small flex.

    b) For larger cables with an overall diameter of approximately 7 - 8mm the black plastic gripper can be removed as the cables will be gripped by the housing.

5. Adjust the gripper to make inserting cables easier. If the diameter of the cable is approximately 5mm the gripper can be adjusted to make inserting the cable easier. Use a pair of narrow nosed pliers to squeeze the top of the gripper increasing the gap between the top edge of the gripper and the teeth of the cable clamp.
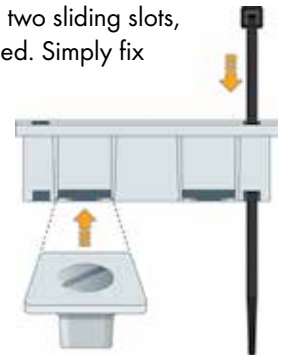

6. Arrange the cables and connectors over the WAGOBOX Light ensuring the outer sheath of the cables protrudes past the grippers into the inside of the WAGOBOX Light.

7. Push the cables down into the clamps as far as they will go. Close the lid and snap shut.

8. If required the WAGOBOX Light can be fitted to a surface using the WAGOBOX mounting button feature. The base of the WAGOBOX Light has two sliding slots, either one or both can be used. Simply fix the mounting button to the required position and slide the WAGOBOX Light into place. The lid of the WAGOBOX Light can be secured with a tie wrap if necessary.

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