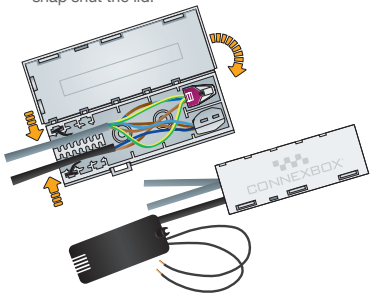
7 Keep similar size cables in the same slot.

It is important to keep similar sized cables in the same slot to ensure the gripper functions correctly.

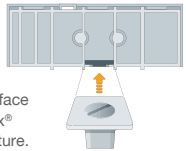
Once the cables are in position, firmly squeeze the enclosure body together and snap shut the lid.



8 Connexbox® Mounting Button.

If required the Connexbox® Classic can be fixed to a surface using the Connexbox® mounting button feature.

Mounting buttons are generally sold separately by our wholesalers.



Installation Instructions

For BS 5733-MF (for Maintenance Free locations)

In situations where you need to make electrical connections in an inaccessible location it is important to ensure that the connectors and enclosure combined meet the requirements of BS 5733 for a maintenance free accessory. The Connexbox® Classic meets these requirements when assembled according to these instructions.

1. **Only use certified connectors.** For a complete list of connectors and comprehensive MF information follow the link generated by the QR Code on page 1.
2. **Ensure the connectors are derated** in accordance with the requirements of BS5733 in respect of the cable ratings in the table below and the Maximum Aggregate Current limit is adhered to:

Cable csa mm²	Max Rated Current (I_b) Amps	Max Aggregate Current Limit (I_{ag}) Amps
0.75	4	50A
1.0	6	50A
1.5	10	50A
1.5	13	50A
2.5	16	50A
2.5	20	50A
4.0	25	50A
6.0*	32	64A

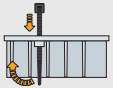
* Based on using 2 x Wago® 773-173 connectors.

For example: The Wago® 222 Series connectors are verified MF with the Connexbox® Classic and rated at 32A. When connected using 2.5mm² twin and earth cable the Max Rated current for the circuit should be reduced to either 16A or 20A, depending on the installation.

Maximum Iag: The maximum Iag is the limit for the total of all currents flowing through the Connexbox® Classic in normal use. This limit must not be exceeded when an accessory is being installed as MF. The maximum Iag typically equals the number of phase connectors multiplied by the rating of the circuit protective device.

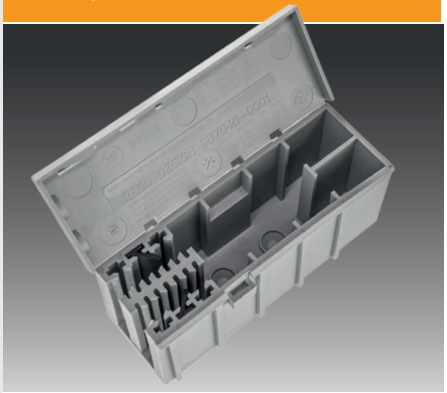
3. Follow the BS EN 60670-22 Accessory Installation.
4. Secure the Connexbox® lid using the tie wrap locking point.

   Ensure the completed Connexbox® is not covered by insulating material.



Connexbox® Classic Electrical Enclosure

Simpler, Quicker, Safer.



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Installation Instructions

For BS EN 60670-22 Accessory

The Connexbox® Classic is a compact electrical enclosure designed to be used with a wide range of push fit and lever clamp connectors making it a versatile solution for junction and splicing applications. The enclosure is rated 400V/4KV and the integrated gripper can support cables with an overall diameter between 3mm and 8mm. The maximum number of conductor connections is 24. For example, when connecting six 3-Core & Earth Cable (6243Y) cables.

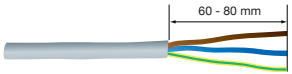
For detailed Product Information scan this QR-Code and follow the link.

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

Simpler, Quicker, Safer...

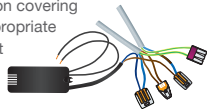
The Connexbox® Classic is easy to use and fast to fit. Just follow the steps below and see how the Connexbox® Classic will revolutionise the way you work.

1 Strip back the outer sheath of the cable between 60 and 80 mm.

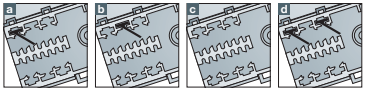


2 Select required connectors to complete the installation.
Ensure that your chosen connector combination is appropriate for the cable being connected. The type of wire will typically be fine stranded, stiff stranded or solid core. Lever style connectors are usually able to accommodate all these types. push on connectors should only be used with solid core, except when the connector manufacturer also permits stiff stranded.

3 Connect the cables.
Strip off the insulation covering the wires by the appropriate amount and connect the cables together to make the circuit.

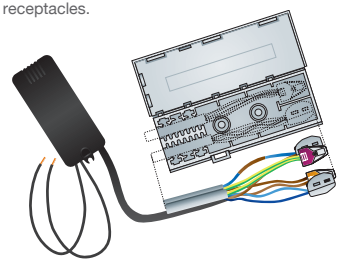


4 Configure the Cable Clamp.
Position the black grippers provided into position according to the size of the cable to be gripped.

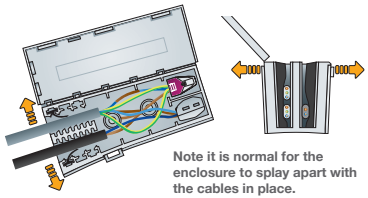


- **a Tight Position** for small cables such as 1.0 and 1.5mm² twin and earth.
- **b Offset Position** for medium size cables such as 2.5 and 4mm² twin and earth.
- **c No gripper** required for large cables such as 6.0mm² twin and earth.
- **d Optional extra gripper** position for extra grip on very small 2 core flex.
  (May require the purchase of an additional gripper)

5 Connect the cable clamp.
Arrange all the connectors to line up with the receptacles.



6 Slide the cables into the Gripper Slots.
Once the connectors are in position the cables can be pushed down into the gripper slots. Distribute the cables evenly between both slots. The top of the grippers is tapered and the opening of the enclosure can be flexed apart to make inserting the cables easier.



Note it is normal for the enclosure to splay apart with the cables in place.