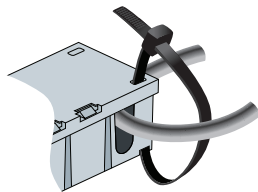


- 5 Once cables are installed, squeeze lid closed.
- 6 For MF installation, attach a zip tie and secure.



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## Connexbox® JBX Pro: Installation Instructions

### Maintenance Free Accessory (For BS 5733 Accessory)

Only WAGO™ 221-412, 221-413 and 221-415 connectors are permitted for use with the Connexbox JBX Pro enclosure in BS 5733-MF (Maintenance free) locations.

The Max Aggregate Current (I<sub>ag</sub>) is the sum of all possible current flowing through the Connexbox JBX Pro in normal use. This limit must not be exceeded. Usually the max I<sub>ag</sub> equals the number of phase terminals in the Connexbox JBX Pro multiplied by the rating of the OCPD\* for the circuit.

\*OCPD - Overcurrent protective device.



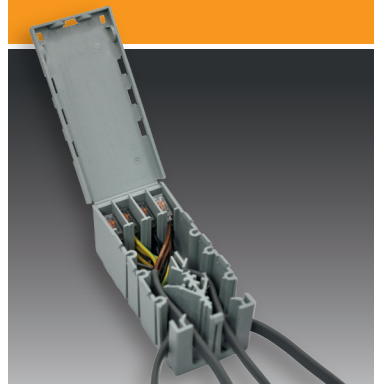
Maximum Aggregate Current Table BS 5733

Connector	Current Rating (Amps)	Max Cable CSA mm <sup>2</sup>	Max Aggregate Current (Max I <sub>ag</sub> )
221-412	20	2.5	50A
221-413			
221-415			

If you are unsure how to calculate the maximum aggregate current please get in touch or visit our website at : [www.connexbox.com](http://www.connexbox.com)

Alternatively you can scan the QR code for a video tutorial.

## Connexbox® JBX Pro Instructions

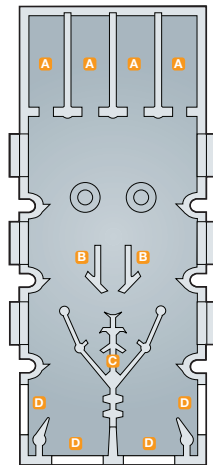


## Connexbox® JBX Pro: Installation Instructions

For BS EN 60670-22 Accessory

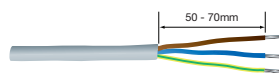
The Connexbox JBX Pro enclosure is designed for use with WAGO™ 221-4xx connectors. The Connexbox JBX Pro is rated 450V/32A and can support conductor sizes from 0.14mm<sup>2</sup> to 4.0mm<sup>2</sup>. The maximum number of supported individual conductor connections is 24 when using 8 x 221-403 connectors. Each cable clamp can grip cables with overall diameters between 3mm - 10mm.

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



- A** Receptacles (connector slots)
- B** Gripper adjusters (removable)
- C** Gripper mechanism
- D** Exit slots

- 1** Strip cable to 50-70mm.



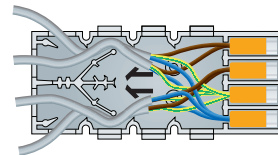
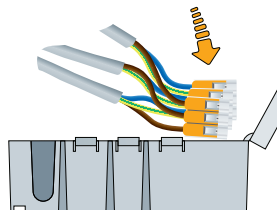
- 2** Select connectors, then connect cables to make the circuit.



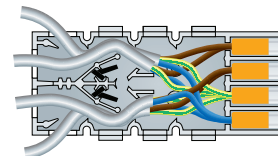
- 3** Slide connectors into receptacles first.

Position cables around the gripper mechanism to pass through the preferred exit slot.

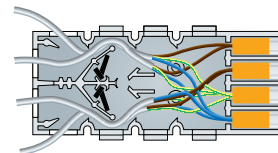
Note: The sides of the box can be flexed to make this step easier.



- 4** If additional clamping pressure is required, the gripper adjusters can be inserted in the gripper mechanism. See diagrams below.



**A** – For medium grip pressure.



**B** – For maximum grip pressure.