

## Data Sheet | Part number: JBX-001-G

Connexbox® JBX Pro in Grey, Electrical Enclosure, for WAGO® 221-4xx series connectors, maximum conductor size 4mm<sup>2</sup>, configurable to BS5733 - Maintenance Free (MF), Manufactured in the UK.



### Electrical data

#### Ratings per IEC/EN

Ratings: Rated current up to 32A; Nominal voltage 400V; Rated impulse voltage 4kV

### Physical data

Width	51mm / 2.007 inches
Height	42mm / 1.653 inches
Length	113mm / 4.448 inches
Weight	53.3g

### Material data

Note (material data)	Visit <a href="http://www.connexbox.com">www.connexbox.com</a> for material specifications information
Material	Polypropylene, Fire Retardant (FR), Colour Master Batch
Colour	Grey
Fire load	0 MJ
Flammability rating	BS EN 60670-22 Glow-wire, Ignition Resistant UL94 V2

### Comercial data

Country of Origin	United Kingdom
PU (SPU)	1 Piece
EAN	5060504870528

Mechanical data	
Protection type	IP2X
Mounting type	For surface mounting in all types of installation except into concrete
Mounting accessories	Connexbox JBX Pro Mounting Bracket (JBX-MB1-G)
Additional accessories	N/A
Cable sizes	Overall diameter between 3mm to 10mm
Conductor sizes	0.14mm <sup>2</sup> to 4.0mm <sup>2</sup>
Recommended connectors	WAGO® 221-4xx series connectors
Max. supported individual conductor connections	24 when using 8 x 221-413 connectors

Environmental Product Compliance	
RoHS Compliance Status	Compliant, no exemptions

Approvals and Certificates		
Approval	Certificate	Standard
RoHS, CE, VDE	BS EN 60670-22:2006 BS EN 60670-1:2005 IEC 60670-22:2003	Test for compliance with BS EN 60670-1:2005 (Boxes and enclosures for electrical accessories for household and similar fixed electrical installations - general requirements) and BS EN 60670-22:2006 (Particular requirements for connecting boxes and enclosures)
	BS EN 60529	Degrees of protection provided by enclosures (IP 2X)
	BS5733	Configurable to BS 5733 Maintenance Free (MF)

**This document is subject to change. Please also observe the further product/materials documentation available at: [www.connexbox.com](http://www.connexbox.com)**