VARIOBOX

„One Box, Multiple Solutions”

TECHNICAL SPECIFICATIONS, SAFETY INSTRUCTIONS, INSTALLATION AND OPERATING INSTRUCTIONS

Nr. Article: 703

Intended Use: Versatile electrical junction box designed for installation in multiple configurations: horizontal or vertical, and flush-mounted or surface-mounted. Suitable for residential, commercial, and industrial projects.

1. Technical Specifications

Parameter	Specification
Protection rating	IP40
Input voltage	400 V sau 230 V
Rated current	Max. 32 A
Material	Polyamide
Connection box dimensions	116 × 116 × 27 mm (L × l × H)
Permitted conductor type:	The lever-operated terminal block is suitable for conductor cross-sections from 0.2 mm² to 4 mm².
Stripping length for connection to the WAGO terminal:	11 mm / 0,43 inch
Operating environment	Dry indoor areas; use in damp or wet rooms is prohibited.
Installation	Horizontal or vertical; flush-mounted or surface-mounted.

2. Product Components

- WAGO 221-412, WAGO 221-413, and WAGO 221-415 connectors
- 4 screw clamps for securing the cable
- 2 metal mounting clamps for flush-mounted installation and 2 corresponding fixing screws
- 4 wood screws for mounting on wood.

3. Areas of Application

The product is designed for use by electricians and electrical installation designers in the following types of projects:

- Residential
- Commercial
- Industrial
- Construction site applications

4. Safety Instructions



WARNING – Installation, connection, and commissioning must only be carried out by a qualified and authorized electrician with the appropriate electrical knowledge and experience. Contact a qualified electrician!

Improper installation may pose risks to:
-your own life and safety;
- the service life and safety of the electrical installation.

Improper installation may result in serious property damage, for example due to fire.
You may be held personally liable for personal injury and property damage resulting from improper installation.

Required Expertise for Installation:

For installation, the following specialist knowledge is particularly required:

- *The "Five Safety Rules" must be observed: disconnect from the power supply; secure against reconnection; verify the absence of voltage; carry out earthing and short-circuiting; isolate or cover adjacent live parts.*
- *Select suitable tools, measuring instruments and, where necessary, appropriate personal protective equipment (PPE).*
- *Use the three-phase residual current protection (RCD) specified for the electrical installation.*
- *The external three-phase overcurrent protection must not exceed 32 A.*
- *Use the product only for its intended purpose and only in dry indoor areas; protection rating: IP40.*
- *Do not use the product in damp or wet rooms.*
- *Any excess cable must be laid out freely; the cable must not be left coiled or wound into loops.*
- *For safety reasons, the use of a single socket outlet to supply multiple electrical loads should be avoided.*

5. Installation and Operating Instructions

1	**Preparation for Installation**	Disconnect the power supply, secure the circuit against reconnection, and verify the absence of voltage.
2	**Selecting the Configuration**	Select the orientation and mounting type suitable for the application: horizontal/vertical and flush-mounted/surface-mounted.
3	**Mounting the Connection Box**	Utilizați orificiile de fixare pentru mobilă/rigips sau clemele metalice pentru montaj sub tencuială, după caz.
4	**Cable Insertion**	Use the mounting holes for installation on furniture/drywall, or the metal mounting clamps for flush-mounted installation, as applicable.
5	**Securing the Cables**	Secure the cables using the screw clamps provided with the product.
6	**Making the Electrical Connections**	Electrical connections must only be carried out by authorized personnel, using the WAGO connectors included in the product configuration or supplied with the product.
7	**Closing the Connection Box**	Position and secure the cover using the dedicated plastic clips.
8	**Final Inspection**	During testing, check the mechanical fastening, electrical connections, and compliance with the maximum permissible current ratings.

6. Standards

The technical data sheet specifies **EN 60670-1 (2021-09)** as the reference standard for boxes intended for fixed electrical installations for household and similar purposes.
The materials and processes used are declared to be RoHS compliant.

7. Manufacturer Contact

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