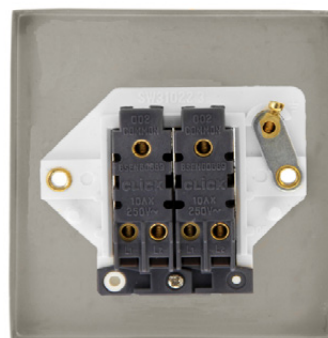


# Technical Specification

**Product Code:** VPBN412BK

**Description:** 10AX Ingot 2 Gang 2 Way Plate Switch



## General Information

|                                        |                                                                                                                                                          |                                                                                                                                              |
|----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| Plate Dimensions (mm)                  | 88 (W) x 88 (H) x 8 (D)                                                                                                                                  |                                                                                                                                              |
| Dimensions With Gasket (mm)            | 91 (W) x 91 (H) x 9 (D)                                                                                                                                  |                                                                                                                                              |
| Plate Fixing Centres - Horizontal (mm) | 60.3                                                                                                                                                     |                                                                                                                                              |
| MiniGrid Plate (Gang)                  | 1                                                                                                                                                        |                                                                                                                                              |
| MiniGrid Single Width Module Quantity  | 2                                                                                                                                                        |                                                                                                                                              |
| MiniGrid Double Width Module Quantity  | 1                                                                                                                                                        |                                                                                                                                              |
| Style                                  | Victorian                                                                                                                                                |                                                                                                                                              |
| Finish                                 | Black Nickel                                                                                                                                             |                                                                                                                                              |
| Insert Colour                          | Black                                                                                                                                                    |                                                                                                                                              |
| Gasket Colour                          | Black                                                                                                                                                    |                                                                                                                                              |
| Materials                              | Front Plate: Stainless Steel<br>Switch Cover: Stainless Steel<br>Terminals: Brass<br>Contacts: Silver "on-lay" Copper / Brass<br>Earth Strap: Mild Steel | Insert: Urea<br>Rear Housing: Nylon<br>Terminal Screws: Steel & Yellow Passivated<br>Internal Busbars: Formed Pressed Brass<br>Gasket: Nylon |
| Anti Microbial Certified               | No                                                                                                                                                       |                                                                                                                                              |
| Rated Voltage (V~) (Ue)                | 250                                                                                                                                                      | Frequency (Hz) 50                                                                                                                            |
| Inductive Load Rating (AX)             | 10                                                                                                                                                       |                                                                                                                                              |
| Load Rating Comments                   | Suitable for Inductive Loads                                                                                                                             |                                                                                                                                              |
| Termination Type                       | Screw                                                                                                                                                    |                                                                                                                                              |
| Terminal Size (mm)                     | Ø3.5                                                                                                                                                     | Terminal Torque Value (Nm) 0.5                                                                                                               |
| Terminal Capacity - Solid (mm²)        | 4 x 1.5 or 2 x 2.5                                                                                                                                       |                                                                                                                                              |
| Modular Rocker Switches                | Yes                                                                                                                                                      |                                                                                                                                              |
| 2 Way Switch                           | Yes                                                                                                                                                      |                                                                                                                                              |
| Minimum Back Box Depth (mm)            | 16                                                                                                                                                       |                                                                                                                                              |
| Ingress Protection                     | IP20                                                                                                                                                     |                                                                                                                                              |
| Operational Temperature (°C)           | -5 to +40                                                                                                                                                |                                                                                                                                              |
| Warranty (Years)                       | 10                                                                                                                                                       |                                                                                                                                              |

**Standards** BS EN 60669-1

## Additional Information

For cleaning / polishing of products, use only a soft, dry, clean cloth.  
Ensure that the mains supply is isolated before commencing installation and refer to the circuit diagram with the relevant product.  
Bare earth cables must always be covered with appropriate sleeving and wired to the earth terminal.  
Interchangeable with modules in the MiniGrid Range.