

Surface-mounted electrical box size 6



Summary of Content

A size 6 surface-mounted electrical box typically refers to a 6-gang or 6-port box designed to accommodate multiple modular devices or outlets, suitable for indoor or outdoor installations depending on the IP rating.

Overview

A 6-gang surface-mounted electrical box is designed to house multiple switches, outlets, or modular devices in a single enclosure. These boxes are ideal for applications where recessed installation is not possible, such as on concrete, brick, or finished walls. They provide organized wiring, protection for electrical connections, and compliance with safety standards .

Key Features

- **Capacity:** Accepts various combinations of modular devices, including 67.5mm x 45mm, 45mm x 45mm, and 25mm x 45mm sizes .
- **Material:** Available in durable plastic or metal, often with insulated construction for safety .
- **IP Rating:** Many 6-gang boxes are rated IP40 to IP66, offering protection against dust and water ingress, suitable for indoor or outdoor use .
- **Mounting:** Surface-mounted, allowing installation on walls without cutting into the structure. Some models include knockouts or cable entry points for flexible wiring .
- **Compatibility:** Works with a variety of modular outlets, switches, GFCI/RCD devices, and push plates .
- **Color Options:** Commonly gray or white to blend with surroundings .

Article Content

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