



United States Patent 7,179,994 B2 covers the topic of electrical boxes used for supporting and containing electrical devices and wiring such as low voltage devices and wiring.

Typically, an electrical box is used to support and contain electrical devices and wiring in a convenient manner. The electrical box protects the wiring and electrical devices contained inside. A cover plate is usually provided to protect the wiring and associated electrical devices to prevent accidental electrocution of a user.

An electrical box for containing low voltage electrical devices and wiring has requirements different from those required for conventional electrical boxes. The wiring used for a low voltage system requires a larger bending radius than conventional wiring. Therefore, larger openings or boxes without back portions have been used to accommodate the larger bending radius. However, traditionally these boxes lack the desired rigidity and result in undesirable damage to the box and the contents of the box.

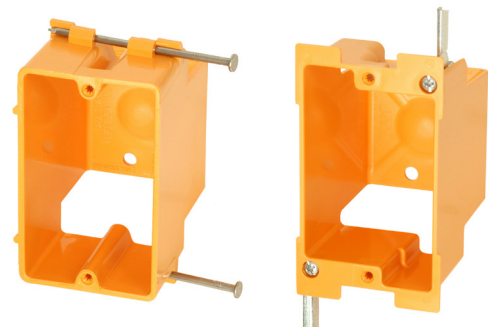
Product Features:

- Allied Moulded's structured cable/low voltage electrical boxes have an enlarged opening to accommodate the larger bending radius necessary for low voltage systems, yet also maintains the structural rigidity needed to protect the box and its contents.

Allied Moulded Products, Inc. offers two versions of the patented electrical box design: one for new work and one for old work, made of engineering grade, nonmetallic, thermoplastic material. Please visit www.alliedmoulded.com for more information on Allied Moulded's Structured Cable/Low Voltage products.

Part Number LVB-1

Part Number LVBOW-1



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United States Patent D531,128 S covers the topic of the ornamental design of low voltage electrical boxes.. Patent 7,179,994 B2 covers the utility of the design, as described below.

Typically, an electrical box is used to support and contain electrical devices and wiring in a convenient manner. The electrical box protects the wiring and electrical devices contained therein. A cover plate is typically provided to protect the wiring and associated electrical devices to prevent accidental electrocution of a user.

An electrical box for containing low voltage electrical devices and wiring has requirements different from and beyond those required for conventional electrical boxes. The wiring used for a low voltage system requires a larger bending radius than conventional wiring. Therefore, larger openings or boxes without back portions have been used to facilitate the larger bending radius. However, traditionally these boxes lack the desired rigidity and result in undesirable damage to the box and the contents of the box.

Patent Features:

- **An electrical box that has an enlarged opening to accommodate the larger bending radius necessary for low voltage systems, yet also maintains the structural rigidity needed to protect the box and its contents**

Allied Moulded Products, Inc. offers two versions of the patented electrical box design: one for new work and one for old work, made of engineering grade, nonmetallic, thermoplastic material. Please visit www.alliedmoulded.com for more information on Allied Moulded's Structured Cable/Low Voltage products.

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