Multi-Board Terminal-Block Plastic Boxes Have Space for Three Circuit Boards

Bud Industries, Inc. has introduced a DIN-rail-mount terminal-block enclosure that gives manufacturers more design flexibility, minimizes component installation time, and costs up to 25 to 40 percent less than comparable enclosures. It is ideal for housing printed circuit boards and terminal blocks used in DIN-rail mounted industrial controls, relays, and test equipment.

Unlike most terminal-block enclosures that accommodate only one circuit board, the Bud DMB Series enclosure has space for three circuit boards. As a result, OEMs can put more complex functionality in the terminal block without increasing its size. The design also allows for modularity, in which functions and features can be varied by substituting secondary circuit boards. Snap-fit design allows tool-less assembly of all parts including circuit boards.

Unlike some terminal-block enclosures, the DMB Series has an optional transparent cover that lets users see indicating lights, and a red cover is available for use with infrared signal applications. In addition to convenient DIN-rail mounting, the enclosure includes slots in the base that allow mounting in a portable box such as Bud's NBF Series NEMA 4 enclosure.

The new terminal-block enclosure has room for 12 to 54 terminals depending on the model. Size ranges from 1.43 x 3.55 x 2.55 to 6.28 x 3.55 x 2.26 inches. The enclosure is made of durable UL94V-0 rated ABS/PC blend plastic. The DMB Series terminal-block enclosure is among the more than 2,500 products that Bud offers, with most off-the-shelf electronic enclosures and cabinet racks available for same-day shipment.

The company also offers direct design support for modifications to the standard products and an Enclosure Design Tips Handbook for creating optimal design and engineering solutions, available at www.budind.com/59.

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