

### *13 Way 3Ph 4 Wire Rear Connection with PC Transparent Cover*



These Test Terminals Blocks offer easy access for on-site testing of Ammeters, kWh Meters, Maximum Demand Indicators, Trivector Meters, Relays and Instrument Transformers, without disconnecting them from the load. This thus avoids C.T. open circuit problems and facilitates easy Connections for testing instruments.. The Test Terminal Block therefore becomes an important element of the Metering Solution. The Test Terminals Blocks are designed for projection mounting with either front or back connection possibilities, designated as **FC** or **BC**. The Test Terminal Blocks are suitable for 3 phase 4 wire application for up to 50 A , 600 V, continuous rating , and generally conform to IEC 60947-7-1.

The most popular 13 Way TTB has 13 Terminals. The 9 current terminals are separated from the 4 voltage terminals for testing, with inter-terminal shorting links for short-circuiting of the CT terminals. Voltage section has facilitates injecting voltage from external source by using Banana plugs.

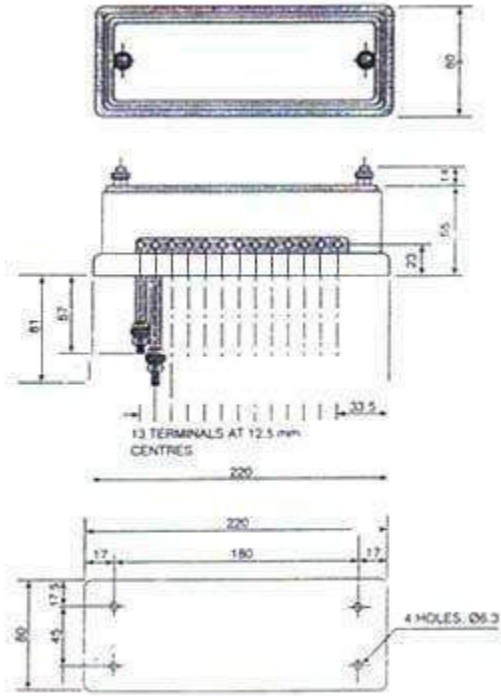
The base of the Test Terminal Block is made of excellent quality electrical grade black bakelite moulding powder. The base moulding is provided with integrally moulded barriers between the terminals for complete protection against flashovers. In addition, a bakelite shield is provided in front to avoid flashover or shorting at cable entries. To ensure safety, a moulded shroud is provided for isolation of the 4 voltage terminals.

For viewing the inside connections without removing the cover, thus saving time of the Operator, a sturdy, transparent, flame retardant (UL94V0 grade) polycarbonate top cover is provided. Optionally, the top cover is offered in Bakelite, as the base is made of. The top cover is secured in place by knurled knobs and a sealing arrangement is provided to prevent unauthorized access.

The Test Terminal Block can be fitted to any panel by means of 4 holes provided on the base. All terminals, shorting links, screws, nuts, etc., used in the electrical connections are of are bright nickel-plated brass to prevent corrosion and provide high conductivity. The screws are provided with rounded edges to prevent any damage to cable strands. Each terminal has a 6 mm diameter hole for cable entry and two M5 screws secure the cables.

For the Back Connected Test Terminal Blocks, colour coded sleeves in brown, grey and black colours, are provided to indicate the 3 different phases.

*Drawing of TTB 13 Way 3 Ph 4 Wire BC With PC Cover*



*Test Report : On Request*

mason