

### *13 Way 3Ph 4 Wire Voltage Disconnection Type*

The 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 from load and avoid C.T. open circuit problems. Connections for testing can be easily made. 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 with FC or BC. The Test Terminal Blocks are for 3 phase 4 wire application for up to 50 A continuous rating at 1000 V and generally conform to IEC 60947-7-1.

The most popular 13 Way TTB has 13 Terminals in total, of which 9 are current terminals and 4 are voltage terminals. The current terminals are separated into groups of 3 with inter-terminal shorting links for short-circuiting of the CT terminals and testing. Whereas voltage terminals are besides 3 current terminals with D Link contact and colour coded knobs RYB to indicate the 3 different phases.

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 shield is provided in front to avoid flashover or shorting at cable entries.

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

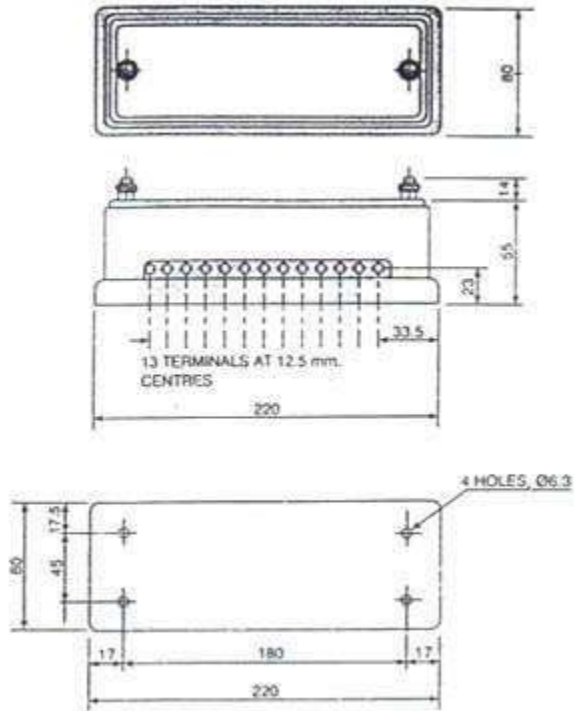
The Test Terminal Block can be fitted to any panel by means of 4 holes provided on the base. All terminals, shorting links, screws, nuts, etc., used in the electrical connections are of bright nickel-plated brass to prevent corrosion and providing high conductivity. The screws are provided with chamfer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

13 Way 3Ph 4 Wire FCVD ( Standard Cover)

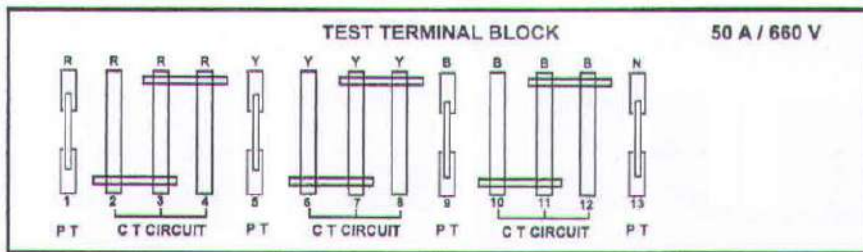
13 Way 3Ph 4 Wire FCVD ( Extd. Cover)



Drawing of TTB 13 Way 3 Ph 4 Wire Voltage Disconnection FC.



Connection Diagram.



Test Report : On Request.