

RUDOLF™ Test Terminal Blocks

RUDOLF™ Metering Systems Test Terminal Blocks can be used for testing a wide range of electrical equipment including metering installations to facilitate site-testing of polyphase meters and protective relays, without disturbing the normal load circuit.

Features

- Gloss black finished moulded bakelite
- Terminal arrangements cover a wide range of applications
- Front & back connected types
- All terminals and screws are plated brass
- Moulded insulation barriers between sets of terminals
- Link facilities for testing purposes

Electrical Characteristics

Voltage insulation level: 600 volts

Current rating: 50 Amps

Case / Cover

Designed for projection mounting on switchboards or panels, terminal blocks can be supplied with front or back connection terminals.

The cover is secured by two knurled nuts which can be sealed to prevent unauthorised access. Two detachable strips are fitted into the upper and lower edges of the terminal cover. These strips can be reversed to allow the cover to be in place during tests.

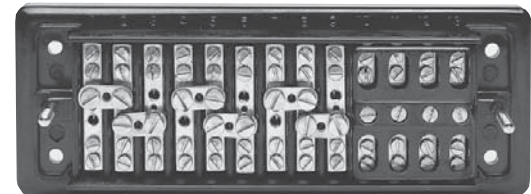
Mounting

It is suitable for projection/surface mounting

Terminal Arrangement

The test terminal block is provided with 13 terminals each with 6mm (1/4") diameter holes. It consists of 3 groups of current terminals and 4 voltage terminals. Each group of current terminals shall consist of 3 terminals with inter-terminal shorting links for the short-circuiting of the current transformers secondaries that are connected to the terminals. This is necessary for the purpose of insertion of check meters and for portable current injection test set.

Connections are possible from both ends of the terminals. Blanking strips are provided to prevent unauthorised entry to the terminals when the cover is sealed.



Phase Barriers

Each terminal shall be separated by phase barriers, moulded integrally with the base of the terminal block. The voltage terminal is shrouded in moulded bakelite.

Terminals and Back Stems

The terminals are made of plated brass and is fitted with plated brass back stems of 50mm to 60mm in length and 6mm (OBA) in diameter except for terminal numbers 10 and 12 (viewed from the front) which are 20mm longer than the rest.

The stems are insulated and suitably spaced to facilitate connections. The length of insulation shall cover only the unthreaded portion of the back stem leaving the threaded portion exposed. Each stem are provided with two plated brass nuts, two plated brass washers and a spring washer. The assembly of brass nuts shall be placed just above the unthreaded portion of the back stem.

