

METREL DELTAPAT 3309

QUICK REFERENCE GUIDE



Class I

1. Connect the **BLACK** return lead (using clip or probe) to an exposed metal part on the appliance, then the other end into the socket labelled '**S/EB**' on top right of the DeltaPAT.
2. Connect the power supply lead from the appliance into the front of the DeltaPAT tester and turn the appliance on.
3. On the DeltaPAT **Main Menu**, select **SIMPLE TEST** and press **TEST**.
4. Using the arrow keys scroll to **Class I**.
5. Press the **TEST** button to start the test.
6. The DeltaPAT will cycle through the 'Earth Bond' and 'Insulation Resistance Test'.
7. A **PASS** or **FAIL** will be indicated on the screen once the test has been completed.
8. Press the **ESC** to start a new test.

Class II

1. Ensure the appliance is turned **ON**.
2. If you're using an Earth Cloak shroud the device. Connect the **BLACK** return lead (using clip or probe) **to a metal part** or cloak if used. The other end will be placed into the socket labelled '**S/EB**' on the top right of the DeltaPAT.
3. Connect the power supply lead from the appliance into the front of the DeltaPAT tester and turn the appliance on.
4. On the DeltaPAT **Main Menu** select **SIMPLE TEST** and press **TEST**.
5. Using the arrow keys scroll to **Class II** test.
6. Press the **TEST** button to start the test.
7. The DeltaPAT will cycle through the 'Insulation Resistance Test'.
8. A **PASS** or **FAIL** will be indicated on the screen once the test has been completed.
9. Press the **ESC** to start a new test.

Extension Leads

1. Connect the **IEC LEAD** (supplied with the DeltaPAT) into the socket labelled 'IEC' on the top left of the DeltaPAT.
2. Plug the **Extension Lead** into the front of the DeltaPAT and the other in the IEC LEAD (above) to create a circuit.
3. On the DeltaPAT **Main Menu**, select **SIMPLE TEST** and press **TEST**.
4. Using the arrow keys scroll to **IEC**.
5. Press the **TEST** button to start the test.
6. The DeltaPAT will cycle through the 'Earth Bond', 'Insulation Resistance Test' and 'Polarity Test'.
7. A **PASS** or **FAIL** will be indicated on the screen once the tester has been completed.
8. Press the **ESC** to start a new test.

Leakage Current

1. Testing Leakage Current on Class I, Class II and RCD's - refer to the above procedures. However, ensure that the '**MAINS**' supply is connected and the correct test is selected on **SIMPLE TEST** mode and **LKG** is selected.

RCD Testing

1. Ensure that the **MAINS** supply is connected to 230V using an IEC cable supplied.
2. Plug the RCD to the front of the DeltaPAT.
3. Connect the other **IEC Lead** (supplied with the DeltaPAT) into the socket labelled 'IEC' on the top left of the DeltaPAT and the other end into a socket of the RCD under test.
4. On the DeltaPAT **Main Menu**, select **SINGLE TEST** and press **TEST**.
5. Using the arrow keys scroll to **RCD** and press **TEST**.
6. Using the arrow keys select **Out: PRCD** (portable RCD).
7. Press the 'TAB' button and select **1Δ: 30mA or 10mA**.
8. Press the 'TAB' button and select **Mod: AUT**.
9. Press the **TEST** button to start the test.