

S109 30kV DC Pressure Test Set

Data Sheet

- Overload Protection
- Current and Voltage Metering
- Order code: 12548752



Description

The S109 is housed in a robust case consisting of a rigid frame construction with removable side covers to provide good access and serviceability.

All the controls are located on the equipment's front panel, together with all input and output connections. The instrumentation is mounted on a sub-chassis which, in turn is mounted to the front panel via a shock absorbing system. The instrumentation is further protected by means of a polycarbonate cover to prevent damage to the instruments'

Specification

Insulation resistance at 1000V DC:

Not less than 10 megohms between mains input to frame

Applied voltage test:

2.0kV rms for 1 minute between mains input and frame

Induced voltage test:

± 35kV DC for 5 minutes

Flashover test:

6 flashovers at 30kV DC on each output direct to earth

Normal voltage test:

± 30kV DC on no load for 30 minutes

Accuracy of instruments:

Output kV meters ± 1.5% at full scale

Output mA meters ± 2.5% at full scale on each range



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