

POWER UNIT POB30AD

- Light weight - 8 kg only
- Powerful – up to 40 A DC
- Voltage 20-250 VAC
- Voltage 20-250 VDC
- Ripple free DC-voltage
- Output protection
- Fully automatic operation



Powerful DC power supply for testing circuit breakers.

POB30AD is a power supply unit employing the latest power electronics technology. POB30AD generates ripple free DC-voltage and it is developed for regular maintenance tests of power circuit breakers. It eliminates use of stationary batteries during testing. Output voltage is selectable from 20 to 250 V AC or DC. The test set is a powerful and versatile unit with possibility to generate up to 40A.



Use the full capability of your SA10

In order to perform minimum trip voltage on a circuit breaker mechanism you need an adjustable voltage source. By using the SA10 together with the POB30AD you can perform a complete test on your CB coils.

Make your maintenance of high voltage breakers easy. All data is automatically stored into the system and printed in the test report. The minimum trip voltage test is described in a number of international and national standards such as IEC 62271-100, ANSI C37.09 etc.

POB30AD can also be used as a general power supply unit or a temporary battery charger.

POWER UNIT POB30AD



ArtNo: S145

Standard accessories

Cable set 6 x 0,25m, 2,5mm²
Mains power cable
Ground (PE) cable
Transport bags

Accessories

Transport case
Calibration shunt 50A/150mV



ArtNo: S141

Technical data

Mains Power Supply

- Connection according to IEC/EN60320-1; UL498, CSA 22.2
- Voltage single phase 110 - 240Vac, +10% - -15%
- Frequency 50/60 Hz

Output data

- Output Voltage 20 - 250 VDC
- Output current max Max 40A

Measurement

- Voltage 20 - 260 VDC
- Current 1-50 A
- Accuracy $\pm 0,5\%$ + 1LSD

Environment conditions

- Operating temperature -10° - $+50^{\circ}$ C / 14° F - $+122^{\circ}$ F
- Storage & transportation -25° - $+70^{\circ}$ C / -13° F - $+158^{\circ}$ F
- Humidity 5 - 95% relative humidity, non-condensing

Dimensions and Weight

- Dimensions 198 x 255 x 380 mm 7,8 x 10 x 15 in(W x H x D)
- Weight 8 kg / 17,5 lbs

Safety Standards

- European standards EN 61010-1
- International standards IEC 61010-1, UL 3111-1, CAN/CSA-C22.2 No 1010.1-92

Electromagnetic Compatibility (EMC)

- CE conformity EMC standard 89/336/EEC
- Emission EN 50081-2, EN 61000-3-2/3
- Interference Immunity EN 50082-2

Load Voltage	Current	Max interval
48 V	26 A	30 sec
48 V	22 A	90 sec
110 V	24 A	30 sec
110 V	20 A	90 sec
220 V	12 A	30 sec
220 V	10 A	90 sec