Mini CCR (ALS 30)



The ALS Mini CCR is a sine-wave Constant Current Regulator, powered from mains. It allows users to energise and test primary circuits or individual fittings, either in a substation or a workshop; without risk.

Faults can be promptly diagnosed and re-tested prior to connecting the CCR, thus the engineer can be confident that the equipment tested is compliant and fully-functioning.

Application

- Proves a circuit of up to 1KW.
- To energise and test primary circuits.
- Power up individual Fittings (both LED and Halogen).
- Checks lamp suppression.
- Fault finding.
- Can be used in a substation.
- Workshop testing.



Features

- Compact & Portable – Easy to transport and deploy in temporary or space constrained locations.
- Flexible Power Input – Operates from standard mains or a sine-wave inverter, ideal for remote or unreliable power sources.
- Sine-Wave Output – Provides clean, stable current to protect sensitive airfield lighting circuits.
- Safe Circuit Testing – Energise and test primary lighting circuits without full CCR infrastructure, reducing installation risk.
- Quick Fault Diagnosis – Identify and correct circuit issues before final handover, preventing delays and warranty claims.
- User-Friendly Operation – Minimal training required; reduces personnel overhead and operational risk.
- Reliable IGBT Technology – Efficient and robust current regulation ensures precise and stable performance.
- Versatile Applications – Suitable for commissioning, maintenance, diagnostics, or temporary lighting setups.
- Cost-Effective Solution – Avoids the need for full-size CCRs during testing, saving time and money.
- Peace of Mind for Contractors – Ensures circuits are verified and functioning before final installation handover.

Airfield Lighting Systems UK Ltd

Mini CCR (ALS30)



Specification

- Power requirements: 216V or 250V 50/60Hz
- Output: 1A to 6.70A constant current / 1V to 149V
- Maximum power: 1KW
- Waveform: Sinusoidal
- Controls: 1 to 6.70A encoded control
- Accuracy & Stability: <± 1% of 6.6A



* power lead included 240V UK or EU plug

Optional Accessory Leads



Primary Lead - (1 Core)
1 x Style 2 Plug and
1 x Style 9 Socket.



Secondary Lead - (2 Core)
1 x Style 7 Socket.

Order Codes

Code **ALS30-MINI** - CCR Regulator (supllied with 240V power supply and either UK or EU plug)

Code **MCCRLEADS** - Additional Accessory - Primary & Secondary Leads for ALS30-Mini

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