

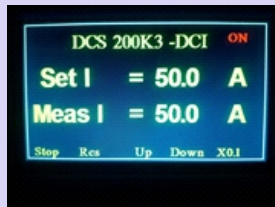
DCS100 SERIES DC CURRENT SOURCES

Introduction

DCS101 series products are SMPS based DC current sources, from 100A to 1000A range with burden of maximum 3V. The basic design is modular with 100 A module being the base. Multiple number of modules can be configured in parallel with micro processor based close loop control to provide accuracy, stability and ease of use. Units up to 300A comes as bench-top models and 400A-1000A as rack mounted with caster wheels.

DCS 101 - 100K3

A 100A version, comes with voltage sensing terminals enabling it for contactor / winding resistance measurement.



The user interface comprises of a graphical colour LCD, key board and a continuously rotating knob. The LCD displays the 'Set' and 'Measured' current. The key board provides 'start/stop', contact resistance option fine/coarse selection for the knob.

DCS101 - 600K3

This is a 600A, 3V version in rack mount form.

Specifications

Output current	: 1A - I _{max} (I _{max} = 100A / 200A / / 600A)
Accuracy	: 0.2% (10A - I _{MAX})
User Interface	: Key board, rotary knob, colour graphic LCD
Output burden	: 3V Max
Technology	: SMPS, freq > 30KHz
Protection	: Over load, Over temperature
Power Input	: 230V +/- 15%



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