AC-SOURCES – CURRENT SOURCE

FAST REGULATION OF THE CURRENT.
VOLTAGE DEPENDS ON THE LOAD.

- Current and Voltage rating will be configured based on customer actual requirement
- Power range from 250 VA to 36,000 VA
- 1 – 300 V AC output voltages
- Maximum currents up to 2,000 A per phase
- Variable frequencies ranging from 45 – 70 Hz, 400Hz (sine)
- Information via graphic display
- Measurement of: voltage, effective current, average and peak current, effective power, idle power, apparent power, power factor, crest factor
- Constant current operating mode
- 10 memory spaces to store current configurations
- External oscillator input ±10 V (sine) with adjustable time delay of up to 70 mS
- Script control: process programming and booting from memory card
- Datalog function: current operation values can be saved to a memory card at adjustable time intervals
- Script operation, in combination with the Datalog function, enables an independent stand-alone test field to be set up
- Digital interfaces IEEE, RS232, RS485, USB, LAN (optional)
- Galvanically isolated 0 – 5 V or 0 – 10 V analogue interface (optional)
- SD card slot (optional)
- The drivers for the Lab View user interface can also be used in conjunction with a digital interface
- Sync input synchronizes the device with external sources (optional)
- Sync output triggers external measurement instruments or similar (optional)
- Disengageable output voltage via memory card or digital interface for a determined amount of half periods (optional)
- Connectable output voltage via memory card or digital interface for a determined amount of time (optional)
- Special versions available on request

TYPICAL AREAS OF APPLICATION:

- Tripping characteristics of fuses
- Check plug connections
- Contact transitions (relay, contactor)
- Current source synchronized with a voltage source (EAC-SP)
  - Power meter 1 + 3 phase calibration
  - Simulate phase shift of voltage and current

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