

HOME

ABOUT US

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CAREERS

SITE MAP

POWER RESISTORS

- Neutral Grounding Resistors
- Generator Neutral Grounding & Leads Cubicles
- Inverter Braking Resistors
- Motor Starting & Control Resistors
- Cubicle Heaters
- Harmonic Filter Resistors
- Current Limiting Resistors
- RC Filters

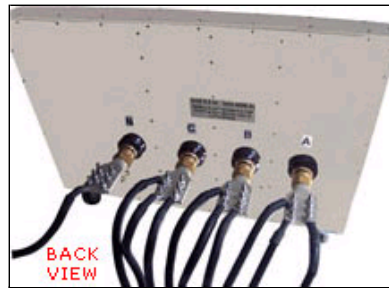
REACTORS

- Current Limiting Reactors
- Neutral Grounding Reactors
- Shunt Reactors
- Harmonic Filtering Reactors
- Motor Starting Reactors
- Electric Arc Furnace Reactors
- Smoothing Reactors
- Line and Load Reactors
- Test Laboratory Reactors

TESTING SYSTEMS

- Turn-key Short Circuit Laboratories
- High Current Injection Test Sets
- R - L - C Load Banks

INJECTION TEST SETS (TYPE : AK23 - AK43 - AK63)



AK63 (60 kVA)

AREAS OF USAGE

- Three phase primary current injection
- Testing of protection relays
- Thermal and magnetic device testing
- Temperature rise test and trip test of circuit breakers and junction points

Technical Features	AK23 (16,5 kVA)	AK43 (30kVA)	AK63 (60kVA)
Input	3x400 V 25 A	3x400 V 45 A	3x400 V 90 A
First Output	3x (0-400)V 25 Aac	3x (0-400) V 45 Aac	-----
Second Output	0-200V 25 A DC	0-200V 25 A DC	0-200 V 25 A DC
Third Output	3x(0-2,5)V 3x(0-2000) Aac	3x(0-2.5)V 3x(0-4000) Aac	3x(0-3) V x (0-6000) A dc
Weight	500 Kg	600 Kg	700+100 kg
Dimensions	700x1000x1600mm	700x1000x1600 mm	1000x2000x1200 mm
Transport	With Wheels	With Wheels	With Wheels
Measurement of Temperature (6 probes)	Pt 100 4 meters 400 C°	Pt 100 4 meters 400 C°	20 pcs K thermocouple 400C° 4 meters
Three Ammeters	3x (0 - 1999) A	3x(0 - 4.00) kA	3x(0-6.00) kA
Cooling Method	F A N		
Computer Interface (Optional)	RS 232 / RS 485 (Wireless on demand)		
Datalogger (Optional)	up to 32 temperature probes		

(AK23 - AK43 - AK63) OPERATING INSTRUCTIONS

Depending on the test to be performed, turn the position switch (3x2,5 V 4000 A or 3x380 V 45 A) to the proper selection. Install the intermediate connections with maximum 2A/mm² current density cables which have equal cross-sections and equal length. If any gap is left between current carrying cables, because of the effect of inductance, 4000 A can not be reached. The best solution is to have a touch between current carrying cables. Thermometer probes must be connected to the measurement points with tongs or tapes.

