Discharge Resistors
System DCR

Protection against deep discharge

Adjustable discharge current

Suitable for mobile use

High operational reliability

Remote control and monitoring

Up to 3 extension modules possible

GINO ESE

Discharge resistors
System DCR

Discharge resistors for accumulators

The system is designed to test the accumulators. To guarantee the unrestricted functionality, the accumulators must be tested at specific intervals using a defined discharge current for the specified time. Using our fully automated testing process, a conclusive proof of the condition of the accumulator can be furnished.

The test is conducted at an ambient temperature using almost constant discharge current until the preset cut-off discharge voltage is achieved. In the process, the discharge current is built-up slowly. Thereafter, our system automatically disconnects the load from the accumulator to prevent damages resulting from the deep discharge. If the cut-off discharge voltage is achieved before the set time, the discharge resistor is likewise disconnected from the accumulator and an error message is displayed.

Since during the discharging process, the discharge current decreases with the accumulator's voltage, the resistance value must be readjusted. This process runs automatically in our product.

Discharge resistors
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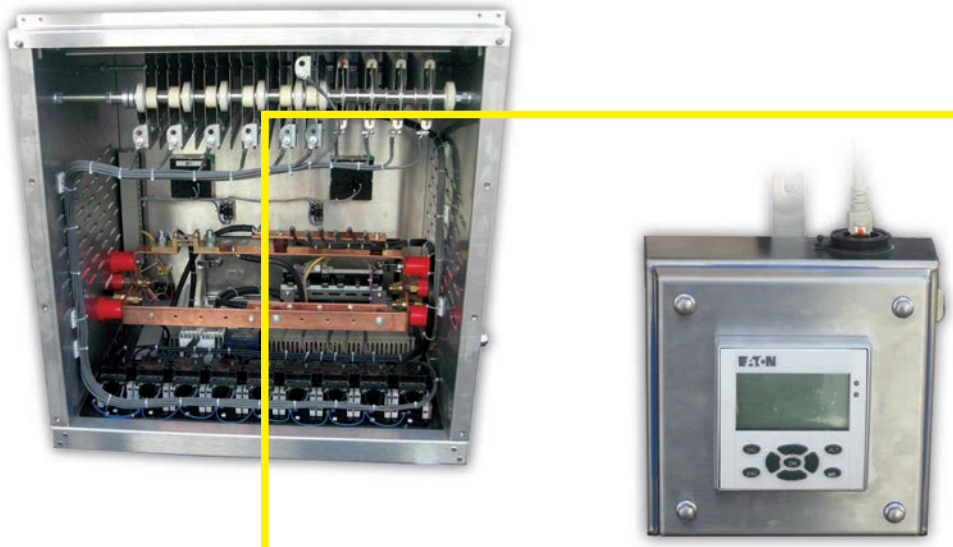

Special features

- Input of discharge current and cut-off discharge voltage
- Permanent display of the current voltage, discharge current, as well as discharge time
- Insulated wing nut clamps for accumulator's connection
- Transportable with 4 castors
- Master-slave operation possible
- Overload protection
- Monitoring of contactor malfunctions
- Monitoring of accumulator's temperature
- Remote control using detachable operating unit with multi-function display

Example of discharge resistor

Nominal voltage:	48 V
Max. open-circuit voltage:	66 V
Cut-off discharge voltage:	Adjustable
Max. discharge current master:	100 A
Active Material:	X10CrAl13, NiCr3020
Protection class:	IP23
Casing:	Stainless steel
Dimensions: (L x B x H)	865 x 660 x 1025 mm
Weight approx.:	90 kg

Discharge resistors
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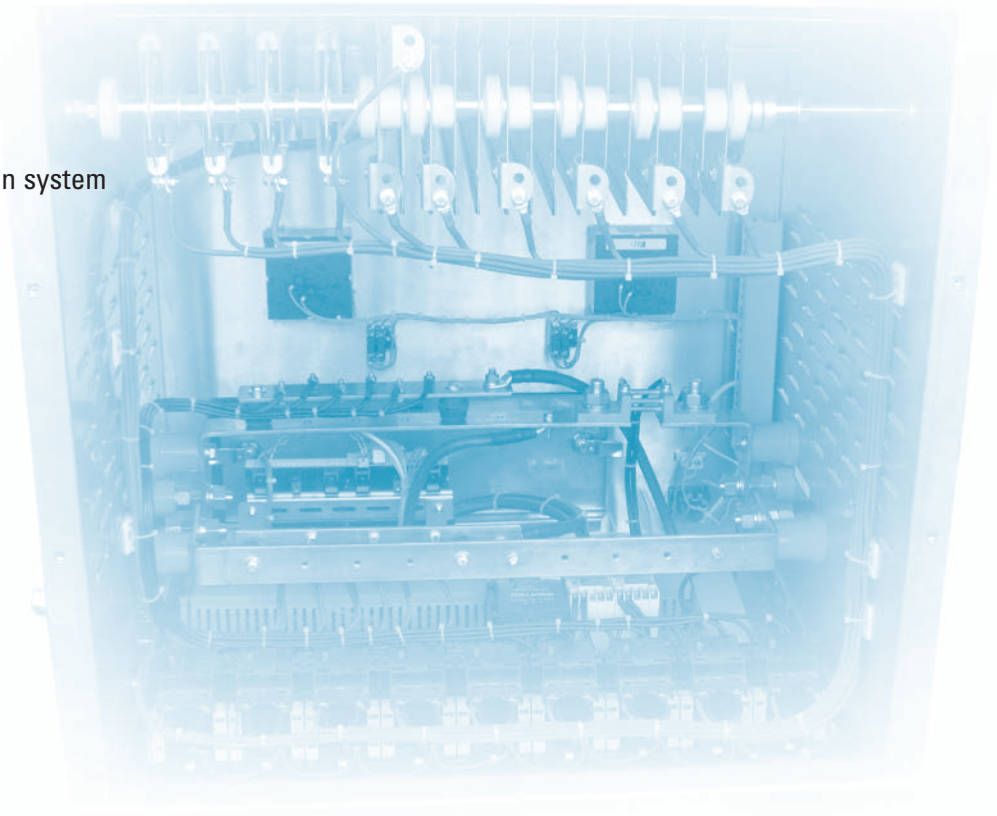
Applications

- Power generation and distribution
- IT / Telecommunication
- UPS-systems
- Large starter batteries
- Signaling systems
- Automated transportation system
- Industrial trucks



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Certified acc. to ISO 9001: 2015, IRIS and AEO

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