AIR COOLED THYRISTOR RECTIFIER

TECHNICAL DATA

Mains: 3x400V / 50Hz (worldwide mains-conditions possible)
Regulating: current and/or voltage with 1% accuracy
Setting range: stepless electronic 0...100%
Signals: current, voltage, status, fault (fault signals optional)
Control: interface for external control
Ripple: approx. 5% at regulated full-DC-output voltage (optional with smoothing)
Rectifier connection: 6-pulse rectifier-connection (optional 12-pulse)
Operating mode: 100% duty cycle
Ambient temperature: +35°C (higher temperature conditions possible)
Detection: phase position, phase rotation, phase loss, over current relay, mains low voltage, short-circuit detection, temperatures
Degree of protection: IP20 - IP54

OPTIONS

- Field-bus interface (Profibus; Profinet; Modbus; RS-485 etc.)
- Electronic change of output polarity (bipolar operation 2 x M3.2C or 2 x B6C)
- Process control (PLC-control with Visualization and documentation in Excel)
- Smoothing devices (L and LC smoothing up to 1% possible)
- Ah-counter-integration
- Mains switch in the front door
- Remote control
- Special designs according to customer requirements possible without any problems
- Our power sources can be connected in parallel for power multiplication