

OILCOOLED THYRISTOR RECTIFIER

IPSORGB
FEST

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 (individual fault messages 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)
Cooling:	oilcooling (option oil-/water heat exchanger)
Detection:	phase position, phase rotation, phase loss, over current relay, mains low voltage, short-circuit detection, temperatures
Degree of protection:	IP21 bis 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
- Main 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

