

Rectifier **Thyristor Technology** Air-Cooled



Versatile

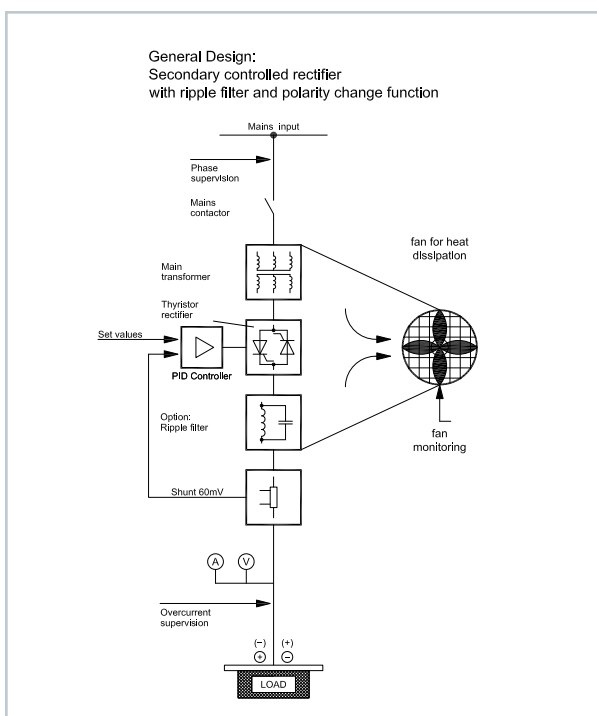
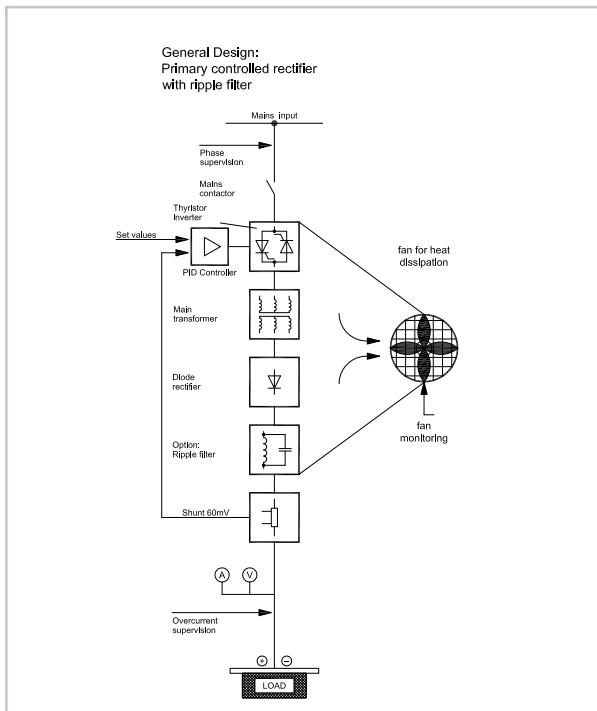
Air-cooled rectifiers should be installed where sufficient "fresh air" or a clean air supply is available. The compact and service-friendly design meets the requirements of industrial applications and guarantees excellent operational reliability.

Product Advantages

- Wear-free, electronic power adjustment
- Constant current and/or voltage control
- Service-friendly design
- Dynamic control

Thyristor Technology

Air-Cooled



Technical Data

Mains voltage	3 x 400 V / 50 Hz + N + PE (and all common mains voltages or 60 Hz)
Output current	1,000 A to 15,000 A
Output voltage	6 V to 900 V
Ripple (general) Ripple (optional)	approx. 5 % at full load 2 to 3 % at full load
Duty factor	100 % (24/7)
Efficiency	80 % to 93 %
Ambient temperature (general) Ambient temperature (optional)	+ 35 °C + 40 °C
Protection grade (general) Protection grade (optional)	IP 20 to IP 23 > IP 23

Tailored designs on request

Further Options

- Electronic polarity reverser
- Field bus interface
- Pulse operation
- Ripple filter



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