

MT-SERIES Rectifiers

Thyristor Technology



MTA MODELS Air Cooled

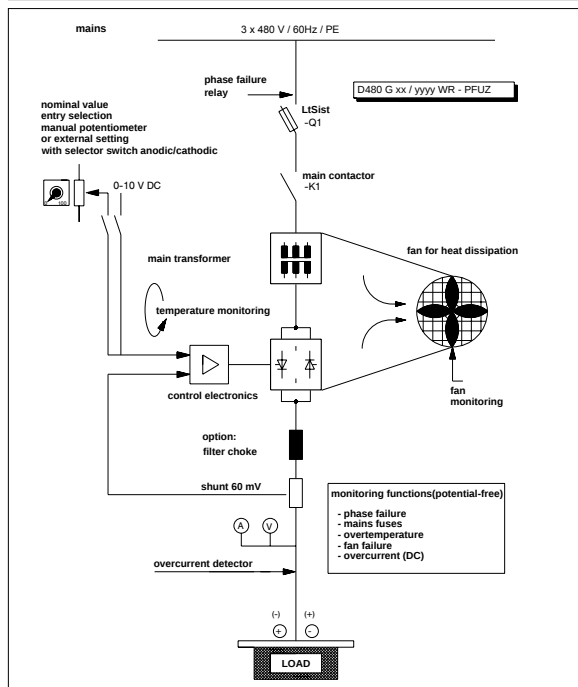
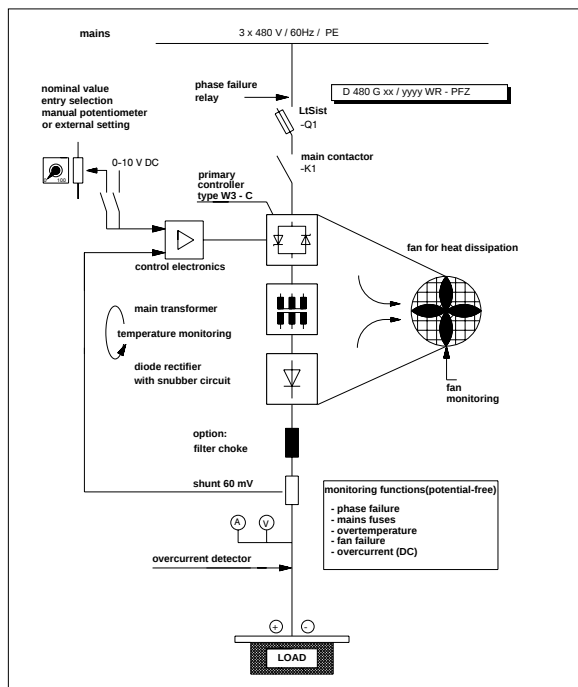
Air-cooled rectifiers should be installed where sufficient "fresh air" or a clean air supply is available. The compact and service-friendly design complies with high industrial requirements and guarantees excellent operational reliability.

Product Advantages

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

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Technical Data (standard)

Mains voltage	3 x 480 V / 60 Hz + PE (other voltages upon request)
Output current	> 1000 A up to 15 kA
Output voltage	> 6 V up to approx. 600 V
Ripple	approx. 5-7% at full load
Option: Smoothing Filter	($\leq$ 5%) in a defined range
Duty factor	100% Continuous
Efficiency	> 80% up to 90% (according to design)
Ambient temperature (Optional:	+ 95 °F > 95 °F)
Protection grade (Optional:	Nema 2 / IP 21 >Nema 2 / IP 21

Custom designs on request

Options

- Electronical polarity inverter
- Field bus interface
- Pulse operation



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