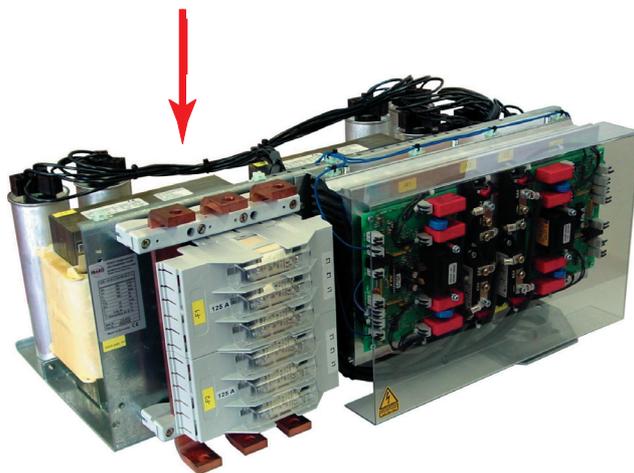
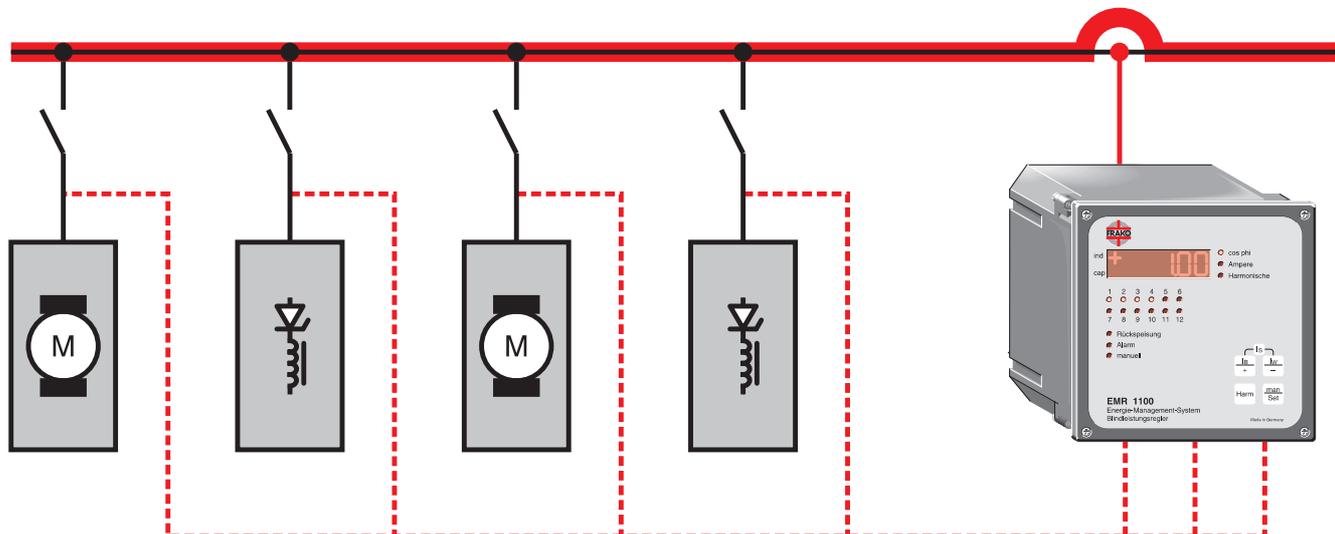


SBS dynamic power factor correction

Fast-acting power factor control units



The SBS dynamic power factor correction unit from FRAKO features:

- No delay in switching in capacitance thanks to FRAKO's fast-acting control system
- Fastest possible direct compensation by SBS unit with superposed power factor control loop
- No additional active power losses through discharge reactors
- Continuous rating, no auxiliary contactors in parallel
- Compact design achieved by new cooling technique
- Solid-state switches mean no limit on number of switching cycles and no wear and tear
- Patented control principle offers excellent price/performance ratio

The benefits:

- Optimum network utilization
 - Improved power quality, hence best product quality
 - Reduced energy costs
 - Modular design, the same construction as FRAKO C Modules
 - Predictive control with superposed feedback control
- Nothing could be faster!**

// Typical applications

The SBS dynamic power factor correction unit finds application in low voltage networks:

- With low short-circuit capacities where disruptions occur when large consumers are switched on
- Where a fast-acting power factor correction system and a large number of switching cycles are necessary
- Where power factor correction is required for only a few supply cycles at a time

Typical low voltage networks are those supplying:

- Spot welding machines
- Motors with high power ratings
- Rolling mills, kneading machine drives, etc