

MCR (MAGNETIC CONTROLLED REACTOR)

TECHNICAL DATA

Voltage Range: Up to 550 kV

Power Range: Up to 300 MVAR

Structure:

- Electromagnetic part of a three-phase or single-phase reactor
- Magnetising system
- Automatic control system
- A MCSR can include the following additional elements:
 - A reserve phase of a single-phase reactor
 - An earthing reactor
 - A monitoring system
 - Process control signals and protective apparatus monitoring signals
 - A fire fighting system

Product Standard: IEC 60076-7

APPLICATION

- Voltage Stabilization
- Transmission & Distribution Networks
- Mining Industry
- Cement Industry
- Railway Transmission Systems

ADVANTAGES

- Lower price
- High operational safety
- No need for powerful harmonic filters
- Easy maintenance
- No need for additional maintenance staff training
- No need for water cooling of powerful thyristor valves
- Service conditions similar to those of conventional transformer equipment

