



## CMFR3-066-120

Code: R9CMFR.

### Description

The capacitor banks must be equipped with detuned filters when there is a high level of harmonics. In this case, CIRCUITOR recommends the use of automatic **CMFR** or **CMAR** capacitor banks, equipped with iron core REACTORS and synchronised capacitors, up to 7% of the insulation voltages of 7.2 kV. For higher voltage levels, air core technology is used in these REACTOR

### Application

The most common applications are:  
Medium Voltage industrial networks

- Compensation of large motors. Usually 3 to 11 kV
- Compensation of HV / MV transformers
- Fixed or automatic compensation of the following installations: cement plants, pumping stations, pipelines, mining, paper industry.

Generation and distribution systems

- Receiving and distributing stations. Particularly indoor installations, where the use of space is vital
- Generation stations that need an automatic power factor regulation: small-scale hydraulic power plants, wind farms, etc



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Fixed or automatic capacitor banks in cabinet with detuned filter

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## Specifications

Electrical characteristics	
Frequency	50 / 60 Hz
Isolation level	7,2 ... 33 kV
Power	600 ... 7200 kvar
Voltage	7,2 ... 33 kV
Mechanical characteristics	
Material	Panels and frames: Painted and treated steel
Environmental characteristics	
Installation, location, position.	Indoor / Outdoor

### CIRKAP-CMFR / CMAR

CODE	TYPE
R9CMFR.	CMFR3-066-120