



## CMFR3-066-120

Code: R9CMFR.

### La description

The capacitor banks must be equipped with detuned filters when there is a high level of harmonics. In this case, CIRCUTOR 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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### Spécifications

#### Caractéristiques électriques

Fréquence	50 / 60 Hz
Niveau d'isolation	7,2 ... 33 kV
Puissance	600 ... 7200 kvar
Tension	7,2 ... 33 kV

#### Caractéristiques mécaniques

Matériel	Panneaux et cadres : acier peint et traité
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#### Caractéristiques environnementales

Installation, lieu, position.	Intérieur / Extérieur
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#### CIRKAP-CMFR / CMAR

Batteries de condensateurs MT fixes ou automatiques en armoire avec filtres désaccordés

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