



## CMFR3-066-120

Código: R9CMFR.

### Descrição

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

### Aplicativo

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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### Especificações

#### Características elétricas

|                     |                   |
|---------------------|-------------------|
| Frequência          | 50 / 60 Hz        |
| Nível de isolamento | 7,2 ... 33 kV     |
| Potência            | 600 ... 7200 kvar |
| Tensão              | 7,2 ... 33 kV     |

#### Características mecânicas

|          |                                           |
|----------|-------------------------------------------|
| Material | Painéis e armações: Aço pintado e tratado |
|----------|-------------------------------------------|

#### Características ambientais

|                             |                     |
|-----------------------------|---------------------|
| Instalação, lugar, posição. | Interior / Exterior |
|-----------------------------|---------------------|

#### CIRKAP-CMFR / CMAR

Bancos de condensadores de MT fixos ou automáticos em armário com filtros detonados

| CÓDIGO  | MODELO        |
|---------|---------------|
| R9CMFR. | CMFR3-066-120 |