

CIRKAP-GP

High-powered capacitor banks in cabinet

Description

The **CIRKAP-GP** capacitor banks have been specially designed for the distribution of electrical energy, where the use of medium-powered capacitors is common (300 ... 350 kvar) in reduced spaces.

There are two versions, as in the whole range of capacitor banks:

- Fixed: Type **CMF-GP**
- Automatic or with general protection: Type **CMA-GP**

Features

	CMF-GP	CMA-GP
Voltage	20 ... 30 kV	
Maximum power	8 Mvar	
Frequency	50 or 60 Hz	
Location	Indoor / Outdoor	
Degree of protection	IP 23	IP54
Insulation level	24 / 36 kV	
Setup		
Capacitors	single-phase in a double-star arrangement	
Capacitor bank	Fixed	Automatic
Build features		
Dimensions (mm)	depending on the type	
Weight	depending on the type	
Panels and frames	Painted steel. For outdoor use, treated and painted steel	
capacity for:	<ul style="list-style-type: none"> •24 capacitors CHV-M •Choke REACTORS RMV •Earthing selector •Unbalance transformer 	<ul style="list-style-type: none"> •24 capacitors CHV-M •Choke REACTORS RMV •Earthing selector plus interlocking •Automatic switch •Phase protection transformer •Unbalance transformer

CIRKAP-CMFR / CMAR

Fixed or automatic capacitor banks in cabinet with detuned filters

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 REACTORS

