

CIRKAP-B

Capacitor banks in frames



Description

The capacitor banks in frames are composed of the following:

- Capacitors
- Unbalance transformers
- After 36 kV, the capacitor banks are designed with a frame per phase, with the adequate support insulators of the insulation level, in accordance with the network's service voltage.

Optional:

- Choke REACTORS **RMV**
- Quick discharge REACTORS

Application

The capacitor banks in frames are common in distribution substations and, particularly, in High Voltage applications.

They can be used in any type of installation, but the use of enclosures or lifting support units is required to avoid the contact with active parts.

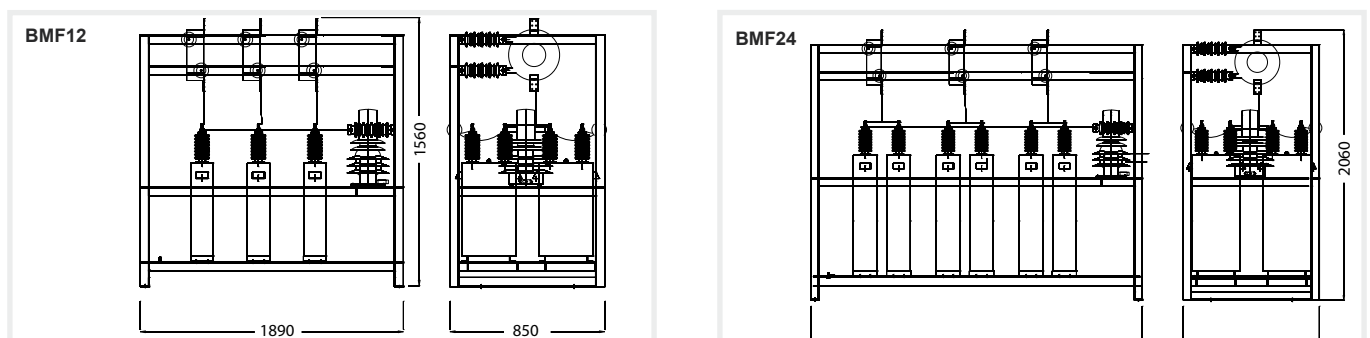
Features

Voltage	7.2 ... 33 kV
Nominal power	600 ... 7200 kvar
Frequency	50 or 60 Hz
Location	Indoor / Outdoor
Degree of protection	IP 00
Insulation level	7.2 ... 33 kV
Setup	
Capacitors	single-phase in a double-star arrangement
Capacitor bank	Fixed
Build features	
Dimensions (mm)	depending on the type
Weight	depending on the type
Panels and frames	Treated and painted steel

References

Capacitor banks for MV, in frame (max. 7 200 kvar)	
13.8 kV at 15 kV	BMF17D
20 kV at 22 kV	BMF24D
25 kV at 30 kV	BMF36D
Capacitor banks for MV, in frame, with detuned filters	
7.2 kV	BMFR
Capacitor banks for HV, in frame	
52.5 kV at 123 kV	BAF

Dimensions



Dimensions are approximate and could be different depending on the power, voltage and place of location