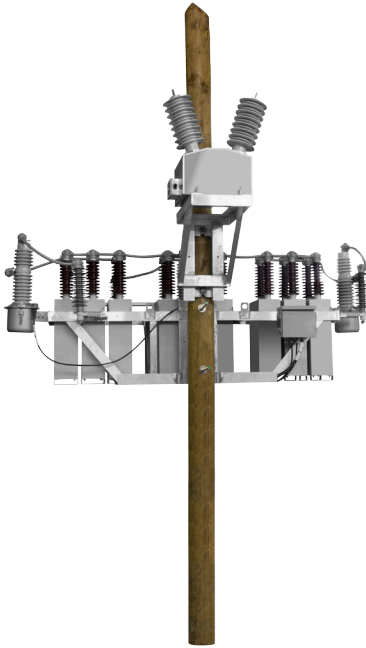


PMF/PMA

Medium voltage pole-mounted static or automatic capacitor banks



Description

PMF/PMA are static or automatic capacitor banks for medium voltages (up to 36 kV), pole-mounted, with a frame designed to withstand the elements at heights on wooden poles.

Application

This type of capacitor bank is normally used for the power factor correction of distribution lines and installations or for increasing the system's voltage.

These capacitor banks are suitable for generation and distribution systems:

- Receiver and distributor stations.
- Power plants that require power factor correction.

Technical features

Electrical features	Voltage	1... 36 kV
	Frequency	50 / 60 Hz
	Insulation level	7.2...36 kV
	Power ratings	Up to 2700 kvar
	Operating voltage	120 / 240 V _{ac}
Capacitors	Dielectric	Rough polypropylene film
	Saturant oil	SAS-40E or M/DBT (PCB-free),
	Case	Stainless steel
	Losses	≤ 0.15 W / kvar
Mechanical features	Frame	Aluminium
	Protection degree	IP 00
	Dimensions	Depending on type and optional features
Optional elements	Single-pole vacuum switches	
	Lightning arrester	
	Voltage transformer for switching	
	Zero voltage closing	
Standards	IEC-60871-1	

References

Code				
P	M	X	XXX	XXXXX
		↑	↑	↑
Static		F		
AUTOMATIC		A		
Rated voltage (3 digits) 3.3 kV			033	
Rated voltage (3 digits) 4.2 kV			042	
Rated voltage (3 digits) 5.5 kV			055	
Rated voltage (3 digits) 6.0 kV			060	
Rated voltage (3 digits) 6.3 kV			063	
Rated voltage (3 digits) 6.6 kV			066	
Rated voltage (3 digits) 11 kV			110	
Rated voltage (3 digits) 13.2 kV			132	
Rated voltage (3 digits) 15 kV			150	
Rated voltage (3 digits) 16.5 kV			165	
Rated voltage (3 digits) 22 kV			220	
Rated voltage (3 digits) 33 kV			330	
Nominal power of the capacitor bank in kvar (5 digits)				no.

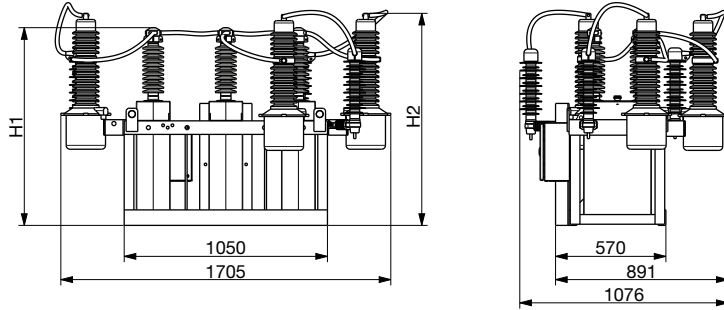
PMF/PMA

Medium voltage pole-mounted static or automatic capacitor banks

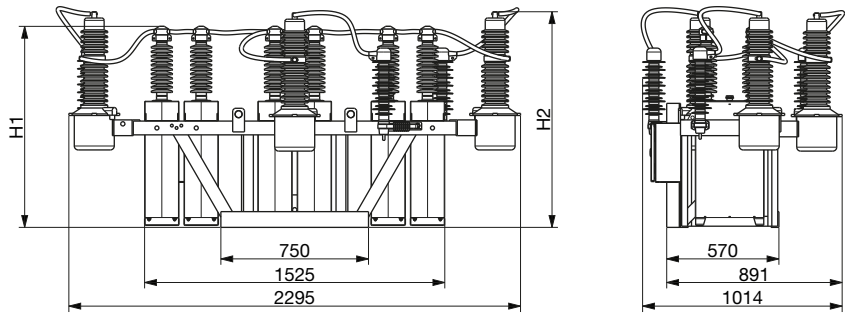
Dimensions

Type	Voltage	H1	H2
PMA10420XXX	4.16 kV	851	994
PMA11380XXX	13.8 kV	898	994
PMA12290XXX	22.9 kV	976	1070
PMA13450XXX	34.5 kV	1022	1096

3 capacitors



6 capacitors



9 capacitors

