

Data Sheet Capacitor Rack



GMKPrm Series 1000 capacitor racks without reactor
25-100 KVAR/440V 50Hz

For networks with low/medium harmonic distortion < 30% THD in current
Exchangeable module.

The GMKPrm1000 Series is the ideal solution for manufacturing capacitors banks, optimising the maximum space in the cabinet. Its innovative Rack 19 " type design allows a convenient mounting, simple installation and easy maintenance. The Series fits any cabinet types available in the market due to its standard sizes. That makes it an ideal solution to include the capacitor bank inside the same cabinet as the main board.

TECHNICAL SPECIFICATIONS AND STANDARD EQUIPMENT

Rated voltage: 440 V 50 Hz. Admissible working voltage range: 380 – 440 V. Capacitor duty contactors. Three-phase capacitors TR30 Series with internal safety system. Step protection fuses. Halogen-free cables. Maximum interconnection up to 400 Kvar , each bus-bar

OPTIONAL EQUIPMENT AND NON-STANDARD EQUIPMENTS

Other power ratings, voltages, steps or frequencies available upon request.

It is recommended before choosing equipment to analysis the net and all possible harmonic distortions. For harmonics value > 2,5% THDV, please refer to our Technical Department.

OEM Kit for the construction of capacitor banks, up to 100Kvar

Order Code	Power (Kvar)	Dimension HXWxD (mm)	capacitor Steps
GMKPbPEQLCS0250044051	25	320 x 495 x 390	25
GMKPbPEQLCS0375044052	37,5	320 x 495 x 390	12,5 + 25
GMKPbPEQLCS0500044051	50	320 x 495 x 390	50
GMKPbPEQLCS0500044052	50	320 x 495 x 390	25 + 25
GMKPbPEQLCS0750044052	75	320 x 495 x 390	25 + 50
GMKPbPEQLCS1000044052	100	320 x 495 x 390	50 + 50



GMKPrm Series 1500 capacitor racks with reactor
25-50 KVAR/440V 50Hz

For networks with high harmonic distortion > 60% THD in current
Exchangeable module.

The GMKPrm 1500 Series is the ideal solution for manufacturing capacitors banks for networks with high harmonic content because it incorporates anti-resonance blocking harmonic filter reactors (detuned system). Its innovative Rack 19 " type design allows a convenient mounting, simple installation and easy

.The Series fits any cabinet types available in the market due to its standard sizes. That makes it an ideal solution to include the capacitor bank inside the same cabinet as the main board.

TECHNICAL SPECIFICATIONS AND STANDARD EQUIPMENT

Anti-resonance blockage harmonics filter reactors detuned at 189 Hz (for other detuned frequencies, please consult)

Detuning factor: 7% Rated voltage: 400 V 50 Hz. Admissible working voltage range: 380 – 400 V. Capacitor duty contactors. Three-phase capacitors TR30 Series with internal safety system. Anti-resonance blockage harmonics filter reactors. Step protection fuses. Halogen-free cables. Maximum interconnection up to 400 Kvar , each bus-bar.

OPTIONAL EQUIPMENT AND NON-STANDARD EQUIPMENTS

OEM Kit for the construction of capacitor banks with harmonic filter

Order Code	Power (Kvar)	Dimension HXWxD (mm)	capacitor Steps
GMKPbPEQLAR0250040051	25	320 x 495 x 460	25
GMKPbPEQLAR0375040052	37,5	320 x 495 x 460	12,5 + 25
GMKPbPEQLAR0500040051	50	320 x 495 x 460	50
GMKPbPEQLAR0500040052	50	320 x 495 x 460	25 + 25