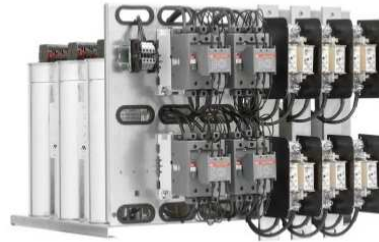


# g44-rack

>>>3-years warranty

<b>Rated Voltage</b>	400 ÷ 415 V
<b>Rated Frequency</b>	50 Hz
<b>Capacitors Voltage</b>	480 V
<b>THDi max</b>	≤ 25 %
<b>Reference standards</b>	EN61921, EN61439-1



## Capacitors

Three-phase metallized polypropylene Capacitors with **Nitrogen Gas (N2) insulation** "dry type", MKPG Series, Rated Voltage 480 V, Operating Voltage 400 V, Insulation Voltage 690 V, equipped with discharge resistors, overpressure safety device and IP20 terminals. Dielectric losses < 0,2W/kVAr. Reference Standards IEC60831-1/2, UL N.810, CSA

Overvoltage: 480 V (24h), 530 V (8h), 555 V (30m), 585 V (5m), 625 V (1m), 1450 V (Picco)

Overcurrent: 3In (24h), 4In (30m), 5In (15m), 10In (Picco)

## Contactors

Three-pole Contactors for capacitor banks, with high number of insertions (>250.000), with resistors for the limitation of high current from capacitor's insertion (> di 100 In), and auxiliary contact. Reference standard IEC 60947-1 / 60947-4-1 and EN 60947-1 / 60947-4-1

## Fuses

NH00 Fuses 100 kA for the protection of each capacitor bank. Auxiliary circuits are protected through 10,3 x 38 Fuses

## Modular Rack

Sheet-steel enclosure 15 and 20/10,).

Protection degree IP00 external,

Wiring made with cables are FS17 type, Reference standards CEI EN 50575, CEI UNEL 35716, CEI EN 50525 e CPR UE305/11.

Code		kvar			Banks				Steps	Current (A)	Dim. (mm) (WxHxD)
		400 V	415 V	440 V	400 V						
CSG44	50	50	54	61	12,5	12,5	25		4	72	495x435x560
CSG44	50/1	50	54	61	25	25			2	72	495x435x560
CSG44	50/2	50	54	61	50				1	72	495x435x560
CSG44	100	100	108	121	12,5	12,5	25	50	8	144	495x435x560
CSG44	100/1	100	108	121	25	25	50		4	144	495x435x560
CSG44	100/2	100	108	121	50	50			2	144	495x435x560
CSG44	150	150	161	182	25	25	50	50	6	216	495x435x560
CSG44	150/1	150	161	182	50	50	50		3	216	495x435x560
CSG44	200	200	215	242	25	25	50	100	8	288	495x435x560
CSG44	200/1	200	215	242	50	50	100		4	288	495x435x560
CSG44	200/2	200	215	242	100	100			2	288	495x435x560
CSG44	250	250	269	303	50	100	100		5	360	495x435x560