

r46-rack

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



Capacitors

Three-phase metallized polypropylene Capacitors with Oil, "dry type", MKPR Series, Rated Voltage 460 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: 460 V (24h), 510 V (8h), 535 V (30m), 555 V (5m), 600 V (1m), 1410 V (Picco)

Overcurrent: 2In (24h), 3In (30m), 4In (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	400 V						
CSR46	50	50	54	12,5	12,5	25		4	72	495x435x560
CSR46	50/1	50	54	25	25			2	72	495x435x560
CSR46	50/2	50	54	50				1	72	495x435x560
CSR46	100	100	108	12,5	12,5	25	50	8	144	495x435x560
CSR46	100/1	100	108	25	25	50		4	144	495x435x560
CSR46	100/2	100	108	50	50			2	144	495x435x560
CSR46	150	150	161	25	25	50	50	6	216	495x435x560
CSR46	150/1	150	161	50	50	50		3	216	495x435x560
CSR46	200	200	215	25	25	50	100	8	288	495x435x560
CSR46	200/1	200	215	50	50	100		4	288	495x435x560
CSR46	200/2	200	215	100	100			2	288	495x435x560
CSR46	250	250	269	50	100	100		5	360	495x435x560