

POWER FACTOR CORRECTION CAPACITORS

LIFASA Power Factor Correction Capacitors

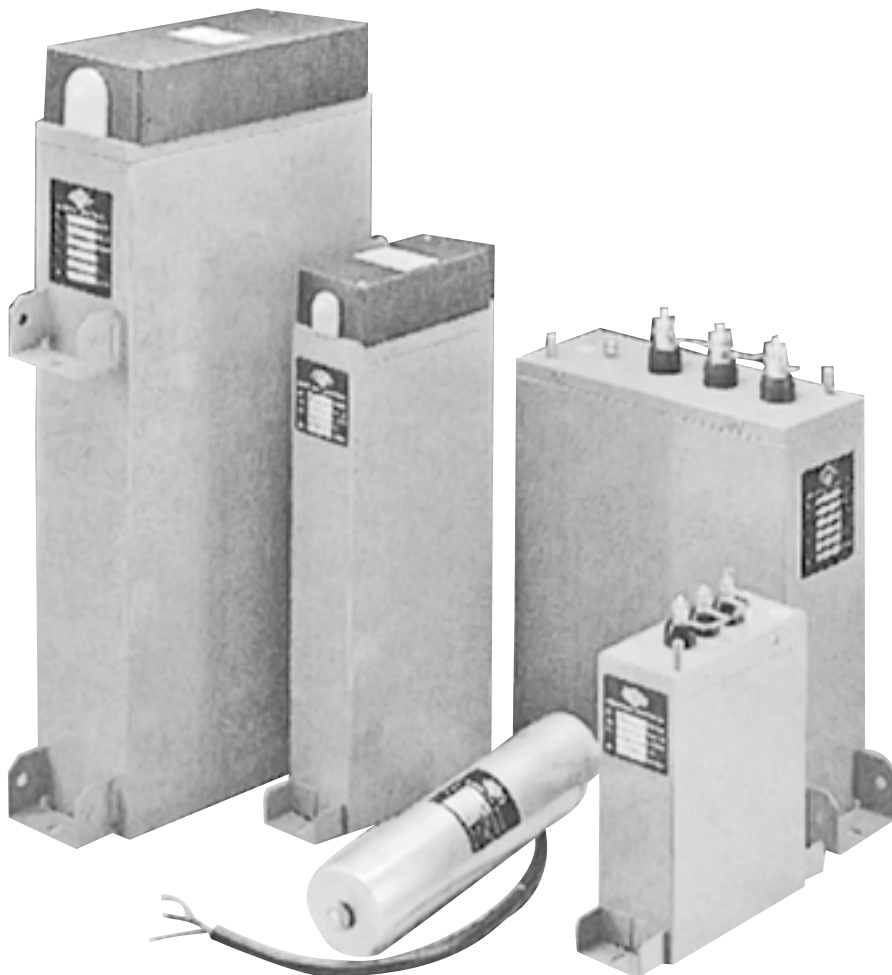


LIFASA capacitors are manufactured using the most advanced technologies and strict quality standards. LIFASA power capacitors are manufactured with capacitive elements wound from low loss polypropylene film. This dielectric is vacuum metallised, giving an excellent self-healing characteristic.

LIFASA capacitors are a dry type and are consequently environmentally safe, with no possibility of liquid impregnate leakage. The elements are completely covered with a thermohardening resin of high dielectric strength. Elements are connected and mounted in a steel case, with any void areas being filled with a nonflammable and inert mineral material.

COMMON SPECIFICATIONS

Rated Voltage:	230 to 1000V (-5/+10%), 50 or 60Hz, 3 phase
Power:	0.5 to 100kvar
Insulation level:	3 kV rms/15kV peak
Dielectric:	Polypropylene
Plates:	Metallised (self heating)
Dielectric Losses:	<0.5W/kvar
Max Overtoltage:	1.1UN
Phase Asymmetry:	<8%
Temperature Rating:	-25 to +50°C
Standards:	IEC 831, IEC 70/70A, BS 1650, VDE 560, EN 60831



POWER FACTOR CORRECTION CAPACITORS

Power Factor Correction Capacitors



TYPE POLB (WITH M6 TERMINALS AND DISCHARGE RESISTORS)

CODE	Qn (kvar)	Un (v)	in (a)	Dimensions d x h (mm)	Weight (kg)
POLB44025	2.5	440	3.4	70 x 195	0.6
POLB44030	3	440	3.9	70 x 195	0.6
POLB44040	4	440	5.2	70 x 195	0.9
POLB44050	5	440	6.6	70 x 195	1
POLB44075	7.5	440	9.8	70 x 280	1.2
POLB44100	10	440	13.1	70 x 280	1.3
POLB44125	12.5	440	16.4	80 x 285	1.9
POLB44150	15	440	19.5	90 x 290	2.2
POLB44200	20	440	26	90 x 290	2.4

TYPE FMD (RECTANGULAR CASE AND DISCHARGE RESISTORS)

CODE	Qn (kvar)	Un (v)	Dimensions d x h (mm)	Weight (kg)
FMD4410	10	440	180	4
FMD4415	15	440	180	5
FMD4420	20	440	230	6
FFMD4425	25	440	270	8
FMD4430	30	440	270	8
FMD4440	40	440	420	11
FMD4450	50	440	460	14
FMD4460	60	440	460	14
FMD4475	75	440	550	17
FMD4480	80	440	650	19
FMD4499	100	440	750	22

