

MK-AS

P.F.C. Single-phase Capacitors



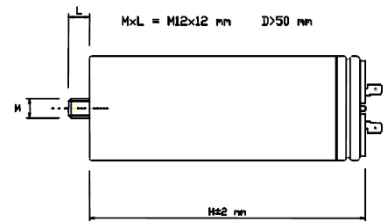
PERFORMANCE DATA

- Capacitance tolerance -5% / +10%.
- Rated frequency 50 Hz (60 Hz on request)
- Supply Single-phase
- Max. allowable voltage 1,1 Un (max. 8 /24 h)
- Safety device Overpressure disconnector
- Expected life 80.000 / 130.000 hours

MK-AS capacitors are particularly suitable for harmonic filtering and low voltage **power factor correction**. These cylindrical polypropylene capacitors are made with an aluminium housing and allow **easy assembly**. The construction features of the series make the MK-AS a component of excellent quality and durability.

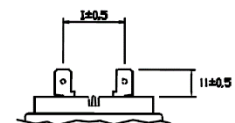
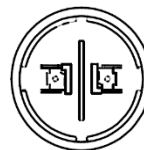
TECHNICAL DATA

Dielectric	Self-healing metallised polypropylene (MKP).
Case	Aluminium.
Execution	Vegetable oil, PCB free. On request: dry type, in resin.
Fastening	M12 bolt. Nut and washer (included).
Degree of protection	IP 00.
Test voltage	2,15 Un / 10 sec between terminals. 3000 Vac / 10 sec between terminal and case.
Dielectric losses	≤ 0,2 W / kvar.
Total losses of the capacitor	≤ 0,4 W / kvar.
Discharge resistors	Included (50V residual within 30 sec).
Safety device	Overpressure disconnector
Max. voltage / time variation	< 30V / μs
Temperature class category	-25°C / D.
Ambient temperature	Max value: +55°C. Average daily: +45°C Average yearly: +35°C
Type of service	Continuous – indoor.



Faston Dopplo 6,3
Double tinned faston 6,3

I=24 mm D=55 mm



QUALITY AND TESTING

Regulations	IEC / EN 60831-1/2; <u>certified by IMQ (V1927)</u> .
European directives	Low voltage: 2014/35/CE; Electromagnetic compatibility: 2014/30/CE.

CONFIGURATIONS

Table

Code	Rated power	Capacitance	Rated voltage	Dimensions	Fastening	Terminals
	(kvar)	(μ f)	(Vn)	(D x H)		
8490461	3,6	66,6	415	60x141	M12	FD
8490496	5,7	105,0	415	65x185	M12	FD
8490581	6,7	124,0	415	60x185	M12	FD
8490431	1,9	31,0	440	60x107	M12	FD
8490438	2,3	38,5	440	60x107	M12	FD
8490465	3,3	55,0	440	60x131	M12	FD
8490487	4,9	77,0	450	60x107	M12	FD
8490384	5,1	84,0	440	60x185	M12	FD
8490492	5,6	92,0	440	65x185	M12	FD
8490639	3,0	38,5	500	65x107	M12	FD
8490556	4,4	56,0	500	65x185	M12	FD
8490577	6,0	77,0	500	65x185	M12	FD
8490621	2,0	21,0	550	60x107	M12	FD
8490650	4,7	50,0	550	65x185	M12	FD

Series of **DMP** capacitors, which guarantee longer life thanks to **wave-cut** technology:

Code	Rated power	Capacitance	Rated voltage	Dimensions	Fastening	Terminals
	(kvar)	(μ f)	(Vn)	(D x H)		
8490540	3,66	38,5	550	65 x 107	M12	Double Faston
8490766	6,33	66,6	550	65 x 185	M12	Double Faston
8490767	7,32	77	550	65 x 185	M12	Double Faston

Other solutions are available upon request.