



BCcomponents has extended its new generation of metallized polypropylene interference suppression film capacitors with the new MKP 338 1 X1 440 Vac series.

MKP 338 1 X1 440 Vac offers solutions for 3 phase applications.

The small dimensions of the new MKP 338 1 X1 440 Vac series offers a major boost to manufacturers committed to miniaturization, especially in applications such as UPS-supplies and mains filters for industrial 3 phase applications.

BCcomponents' new MKP 338 1 X1 440 Vac series is designed especially for use in applications demanding highly specified X1 class interference suppression film capacitors with increased rated voltage up to 440 Vac and small dimensions.

This series is therefore perfectly suited for use in UPS-supplies and 3-phase applications. The MKP 338 1 X1 440 Vac is also an excellent solution for X2 applications requiring increased rated voltages.

Due to the smaller size, the MKP 338 1 X1 440 Vac series is available up to 1 μ F in 27.5 mm pitch.

The series also features an extended operating temperature of 105°C .

Moreover, the MKP 338 1 X1 440 Vac series meets all relevant international safety approvals, including the stringent UL 1414 and the latest IEC 384-14 2nd edition and EN 132400 requirements.

Safe choice

Moreover, as in the case of BCcomponents' other metallized polypropylene series for interference suppression applications, the new series outperforms all alternative metallized plastic film technologies in the latest demanding DC-AC active flammability tests. Which proves once again that metallized polypropylene film, a technology pioneered by BCcomponents, is without doubt the safe choice for interference suppression. The MKP 338 1 X1 440 Vac therefore represents an extension to the BCcomponents' metallized polypropylene range which includes the well-known MKP 338 X2 series, MKP 336 series with Y2, X1 and X2 class products, the MKP 335 5 X2 series and the 435 X2 series with insulated leads.

Features of the MKP 338 1 X1 440 Vac series :

- X1 class
- Small dimensions
- Rated voltage 440 Vac
- MKP technology
- Rated temperature 105°C
- Full international approval including UL 1414 and IEC 384-14 2nd edition / EN 132400.

BC COMPONENTS

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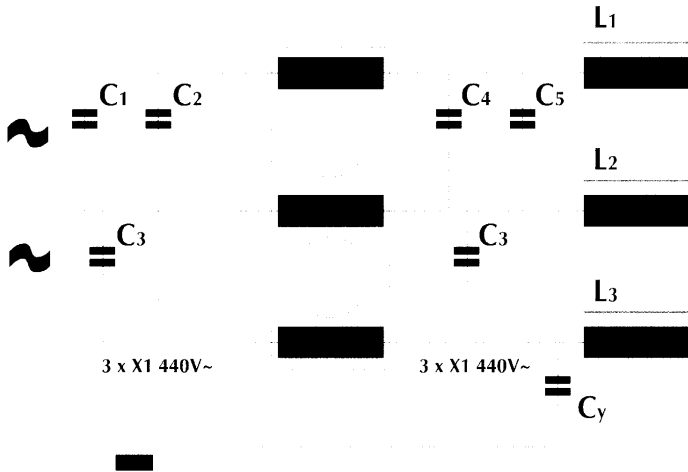
Quick reference data

Capacitance range	10 nF - 1 μ F
Tolerance	+/- 20% , +/- 10%
Rated AC voltage (50 to 60 Hz)	440 V
Rated DC voltage	1000 V
Rated temperature	105°C
Maximum operating temperature	105°C
Safety class	X1
Reference IEC specification	IEC 384-14 2nd edition EN 132400
Safety approvals	UL 1414 Fi (accepted in all European countries)

Selection guide 20% tolerance, 3.5 leadlength (preferred type)

Capacitance (μ F)	Pitch (mm)		
	15	22.5	27.5
0.01	2222 338 10103		
0.015	2222 338 10153		
0.022	2222 338 10223		
0.033	2222 338 10333		
0.047	2222 338 10473		
0.068	2222 338 10683		
0.1	2222 338 10104		
0.15		2222 338 10154	
0.22		2222 338 10224	
0.33			2222 338 10334
0.47			2222 338 10474
0.68			2222 338 10684
1			2222 338 10105

Typical 3-phase circuit for direct current motor control



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