

MKP-AC-Filter Capacitors, Dry, Self-healing, Without Fuse

PART NO.
ART. NO.

PhMKPg 400/6/37.5
44727

RATINGS

Capacitance/Tolerance	Cn	6uF ± 10%
Rated power	Qn	0.3kvar
Rated voltage	Un	400Vrms

OVERVOLTAGES ACCORDING IEC 60831-1

1.1 x Un	U1	440V (12 Std/day)
1.15 x Un	U2	460V (30min/day)
1.2 x Un	U3	480V (5min/day)
1.3 x Un	U4	520V (1min/day)

Rated frequency	fn	50/60Hz
Rated current	In	2A
Peak current	Is	0.5kA

Series resistance	RESR	< 3mΩ
Loss factor 50 Hz	tan	< 2*10 ⁻⁴
Dielectric loss factor	tan	< 2*10 ⁻⁴

ROUTINE TESTS

Test voltage terminal/terminal	Ut/t	860V, AC, 10s
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Measurement of capacitance
Measurement of loss factor

OPERATING TEMPERATURE

Minimum ambient temperature	Tmin	- 25°C
Maximum ambient temperature	Tmax	+ 75°C

STORAGE TEMPERATURE

Minimum temperature	Tmin	- 40°C
Maximum temperature	Tmax	+ 85°C

TECHNOLOGY

Dielectric	Polypropylene, self-healing,
Filling material	resin, polyurethane dry

BUSHING

Number of pins	2
pin distance	37.5 ± 0.4mm
length of pins	4.0 ± 0.5mm
diameter of pins	1.2 ± 0.05mm

DESIGN DATA

Dimension	42 * 28 * 40mm
Drawing	20-B-084
Weight	0.1 kg
Casing Material	plastic (ABS)
Mounting position	every position

LIFE EXPECTANCY > 100000h at 70°C

FAILURE RATE 300 FIT

RECOMMENDATION IEC 60831-1

DIMENSIONS

