

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

**PART NO.** PhMKP 250-200 IBR/X  
**ART. NO.** 44546

**RATINGS**

Capacitance / tolerance Cn 200uF ± 10%  
 Rated power Qn 4kvar  
 Rated voltage Un 250Vrms

**OVERVOLTAGES ACCORDING IEC 60831-1**

1.1 x Un U1 275V (12 Std/day)  
 1.15 x Un U2 288V (30min/day)  
 1.2 x Un U3 300V (5min/day)  
 1.3 x Un U4 325V (1min/day)

Rated frequency fn 50Hz  
 Rated current In 16A  
 Peak current Is 2kA

Series resistance RESR < 3.0mΩ  
 Loss factor 50Hz tan < 3\*10<sup>-4</sup>  
 Dielectric loss factor 50Hz tan < 2\*10<sup>-4</sup>

**ROUTINE TESTS**

Test voltage terminal/terminal Ut/t 946V, AC, 10s  
 Test voltage terminal/casing UT/c 6000V, AC, 2s

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 + 80°C

**TECHNOLOGY**

Dielectric Polypropylene film, metallized, self-healing  
 Filling material resin, polyurethane  
**dry**

**BUSHING**

Flash over distance 13mm  
 Creepage distance 13mm  
 Connection M 6  
 Max. torque 5Nm

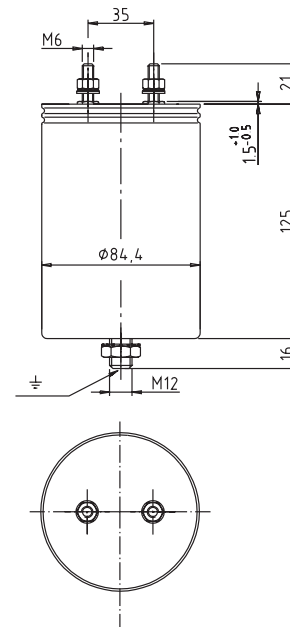
**DESIGN DATA**

Diameter 64mm  
 Height 125mm  
 Drawing 20-B-053  
 Weight 0.7kg  
 Casing material aluminum  
 Mounting position every position

**LIFE EXPECTANCY** > 100000h

**FAILURE RATE** 300 FIT

**RECOMMENDATION** IEC 60831-1/VDE 0560/46

**DIMENSIONS**




## Disclaimer

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