

Capacitor for AC voltage applications MKP 300-166

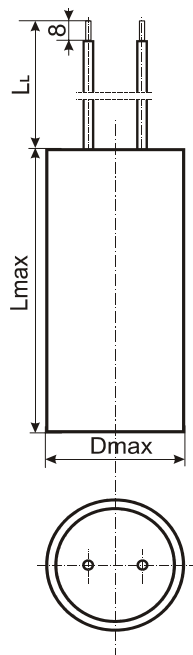


Standard ratings:

D = 35 mm

L = 95 mm

L_L = 200 mm



Construction:

The capacitors are made of metallized polypropylene film, self healing noninductive construction in plastic flame retardant tubular case, epoxy resin sealed. The capacitor use the same technology as the MKP 351.

Leads: stranded Cu wire $s = 0,75 \text{ mm}^2$, the length 200 mm, other form of leads on request

Technical data:

Rated voltage U_R : 200V 50/60 Hz

Rated voltage is the max. DC or peak voltage, for which the capacitor is designed.

If the capacitor works with the DC and also super-imposed AC voltage U_{AC} , the sum of DC and the amplitude of AC must not exceed the U_R

Rated capacitance: 40µF, other values on request

Tolerance: ±20%, ±10%, ±5%

Dissipation factor $Tg\delta$: < 0,001 at +25°C and 100 Hz

Insulation resistance R_{IS} : 10/C [GΩ; µF], at 100VDC after 1 minute charging

Climatic category: 40/070/21

Operating temperature range: -40 ÷ +70°C Max

The highest permissible capacitor temperature at the hottest point of the case must not exceed +70°C.

Test voltage between terminals:

1,4 x U_R applied for 2 sec

Pulse rise time dU/dt : ≤ 10V/µsec

Related standards: IEC 60252

Marking for purchase ordering:

MKP 300-166

40µF 200VAC 50/60 Hz

Warning! The manufacturer is not responsible for any damages, caused by the improper installation and application. Before using the capacitor in any application, please, read carefully this technical data-sheet