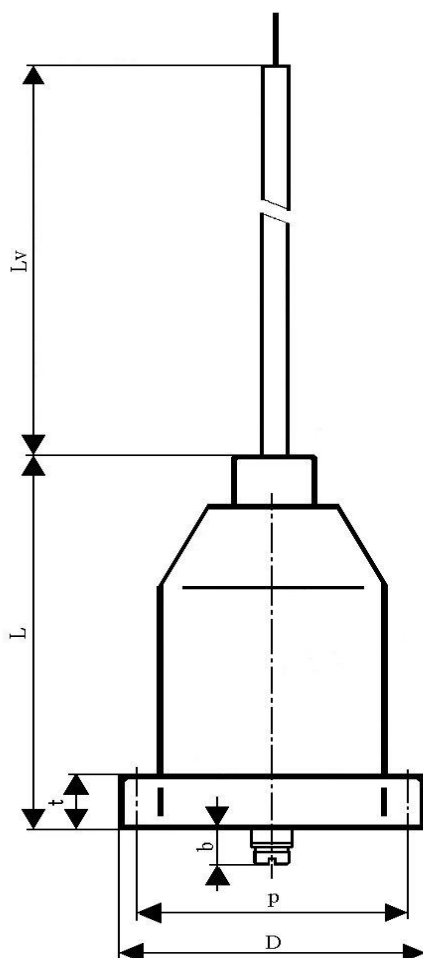


HIGH VOLTAGE CAPACITORS MKP500-115



Construction:

Metallized polypropylene-film dielectric,
non-inductive, self-healing construction
Plastic cylindrical flame retardant case, with HV
cable-lead and bottom screw.

Applications:

High voltage AC applications

Technical data

Rated voltage U_R : 10 kVDC

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

Max permissible AC voltage:

6 000V 50/60Hz

Rated capacitance: 2 nF

Tolerance: $\pm 10\%$,

Dissipation factor $Tg\delta$: $< 0,01$ at 1kHz and $+25^\circ\text{C}$

Insulation resistance R_{IS} : $> 2000\text{M}\Omega$

Operating temperature range: $-40 \div +70^\circ\text{C}$

The highest permissible capacitor temperature at
the hottest point of the case must not exceed
 $+70^\circ\text{C}$.

Test voltage between terminals:

12 000 VDC, 1min. at $+25^\circ\text{C}$, all capacitors are
tested by the routine test by the producer

Permitted over voltages in working conditions:

$1,1 \times U_R$ for 2 sec.

If the over voltages exceed the permissible values
above, the capacitor might have been destroyed.

Test voltage between terminals and case:

12 000VDC, 1min. at $+25^\circ\text{C}$

Max. repetitive rate of voltage rise dU/dt :

$< 1\text{V}\mu\text{sec}$ at U_R and $+25^\circ\text{C}$

Max. peak current I_p : $< C_R \times dU/dt$

Related standards: IEC 60384-1

Marking for purchase ordering:

MKP 500-115 2nF 6000V 50Hz /10kVDC

C [nF]	U_R [VAC]	Dimensions [mm]					
		D	L	p	b	t	Lv
2	6 000	87	65	77,5	5	14	750

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.