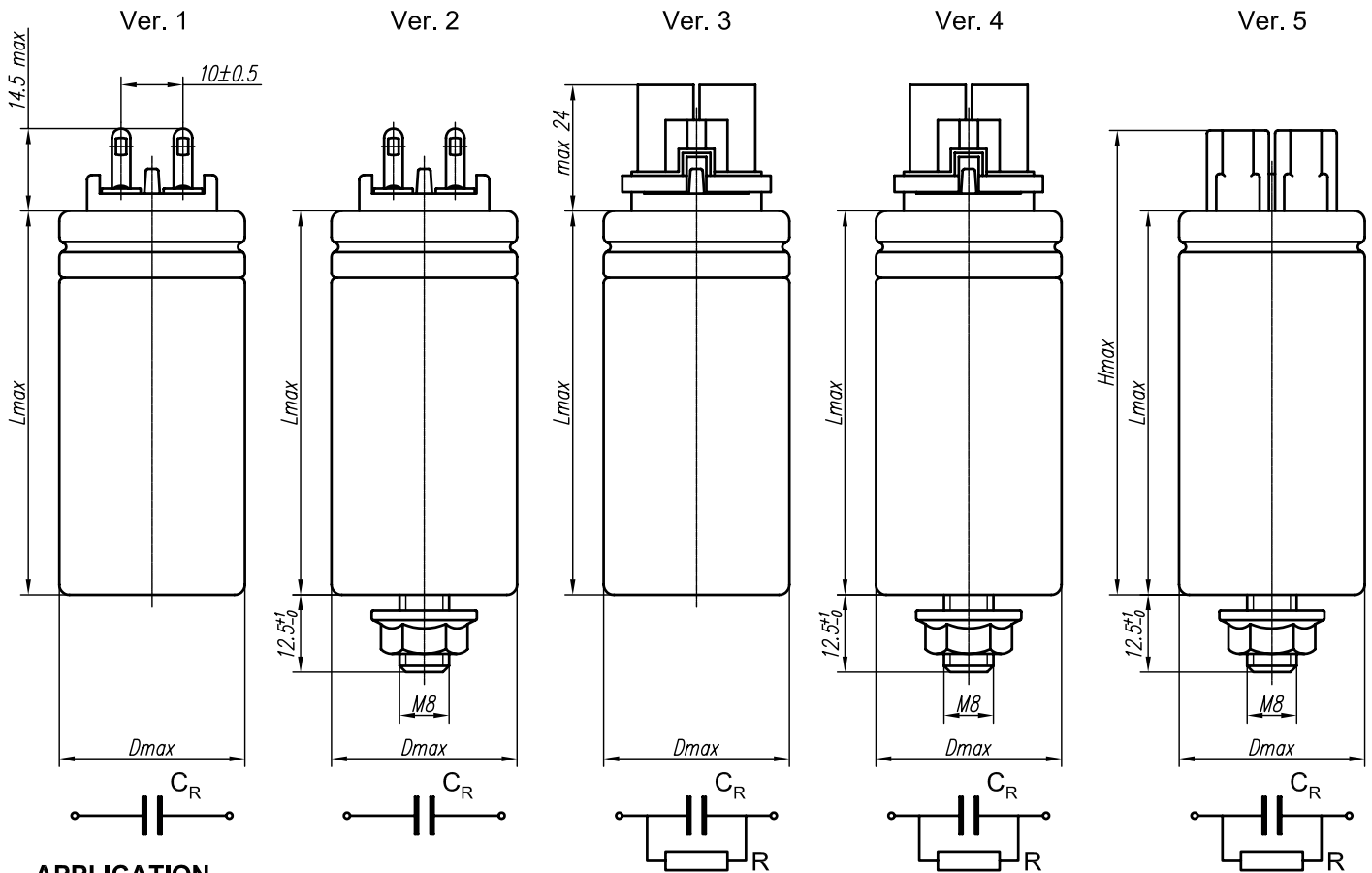


## AC METALLIZED POLYPROPYLENE FILM CAPACITORS FOR USE IN DISCHARGE LAMP CIRCUITS



### APPLICATION

The MKSP-025 capacitors are intended for use in AC circuits with the frequency of 50Hz, particularly in the circuits of fluorescent discharge lamps, as a series capacitor for 450VAC (ver. 1 ÷ 4) and a parallel capacitor for 250VAC (ver. 5). The capacitors are characterized by low inductance, reliable contact and self-healing ability. The versions 1 ÷ 4 have a pressure sensitive device that interrupts the internal connection in case of overpressure inside the capacitor caused by its failure or the end of its service life. In order to ensure proper operation of break-action mechanism, a clearance of at least 10mm must be provided above the capacitor after it has been mounted. Depending on capacitor version, the leads are designed as soldering terminals or connector with the cross-sectional area of  $0,5 \div 1,5 \text{ mm}^2$ . The capacitors are housed in aluminium can.

### TECHNICAL DATA

- Climatic category:
  - 40/085/21 (series capacitor),
  - 40/085/10 (parallel capacitor),
- Rated voltage:
  - 450V / 50Hz (series capacitor),
  - 250V / 50Hz (parallel capacitor),
  - $\leq 0.003$  at  $f = 50\text{Hz}$ ,
- Dissipation factor:
- Dielectric strength
  - between terminals:
    - $2U_R - 60\text{s}$ ,
  - between terminals and case:
    - $2.5\text{kV} / 50\text{Hz} - 60\text{s}$ ,
- The capacitors meet requirements of:
  - EN 61048 and EN 61049.

### SAFETY APPROVALS

This product fulfils the requirements of the RoHS Directive (2011/65/UE).

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Rated capacitance $\mu\text{F}$	Version	Capacitance tolerance %	Rated voltage VAC	Dimensions		
				$L_{\text{max}}$ mm	$D_{\text{max}}$ mm	$H_{\text{max}}$ mm
2,7	1 ÷ 4	±4	450	62	31	-
2,9						
3,2						
3,4						
3,6						
3,75				76		
4,5						
5,3						
5,8						
3,5	5	±10	250	57	31	70
6				82		41
10						
12						
20						
25						
30						