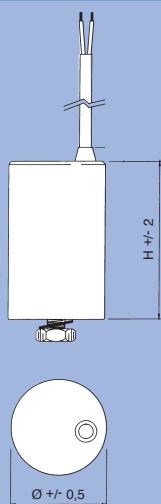


# MKA 450V series

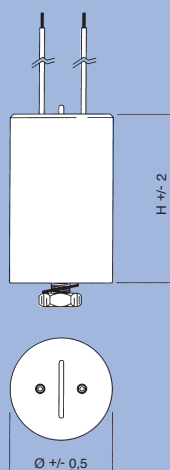


| MODEL        | $\mu\text{F}$ | $\varnothing \times \text{H (mm)}$ |        |
|--------------|---------------|------------------------------------|--------|
|              |               | Case: Pla-PB                       | Pla-C8 |
| MKA 450-1    | 1             | 25                                 | 57     |
| MKA 450-1.25 | 1.25          | 25                                 | 57     |
| MKA 450-1.5  | 1.5           | 25                                 | 57     |
| MKA 450-2    | 2             | 25                                 | 57     |
| MKA 450-2.5  | 2.5           | 25                                 | 57     |
| MKA 450-3    | 3             | 25                                 | 57     |
| MKA 450-3.15 | 3.15          | 25                                 | 57     |
| MKA 450-3.5  | 3.5           | 25                                 | 57     |
| MKA 450-4    | 4             | 25                                 | 57     |
| MKA 450-4.5  | 4.5           | 25                                 | 57     |
| MKA 450-5    | 5             | 30                                 | 57     |
| MKA 450-5.5  | 5.5           | 30                                 | 57     |
| MKA 450-6    | 6             | 30                                 | 57     |
| MKA 450-6.3  | 6.3           | 30                                 | 57     |
| MKA 450-7    | 7             | 30                                 | 57     |
| MKA 450-8    | 8             | 30                                 | 70     |
| MKA 450-9    | 9             | 30                                 | 70     |
| MKA 450-10   | 10            | 35                                 | 70     |
| MKA 450-11   | 11            | 35                                 | 70     |
| MKA 450-12   | 12            | 35                                 | 70     |
| MKA 450-12.5 | 12.5          | 35                                 | 70     |
| MKA 450-13   | 13            | 35                                 | 70     |
| MKA 450-14   | 14            | 35                                 | 70     |
| MKA 450-15   | 15            | 40                                 | 70     |
| MKA 450-16   | 16            | 40                                 | 70     |
| MKA 450-18   | 18            | 40                                 | 70     |
| MKA 450-20   | 20            | 40                                 | 70     |
| MKA 450-22   | 22            | 40                                 | 94     |
| MKA 450-25   | 25            | 40                                 | 94     |
| MKA 450-30   | 30            | 40                                 | 94     |
| MKA 450-31.5 | 31.5          | 45                                 | 94     |
| MKA 450-35   | 35            | 45                                 | 94     |
| MKA 450-40   | 40            | 45                                 | 94     |
| MKA 450-45   | 45            | 50                                 | 94     |
| MKA 450-50   | 50            | 50                                 | 94     |
| MKA 450-55   | 55            | 50                                 | 94     |
| MKA 450-60   | 60            | 50                                 | 120    |
| MKA 450-70   | 70            | 50                                 | 120    |
| MKA 450-75   | 75            | 50                                 | 120    |
| MKA 450-80   | 80            | 50                                 | 120    |
| MKA 450-90   | 90            | 60                                 | 120    |
| MKA 450-100  | 100           | 60                                 | 120    |

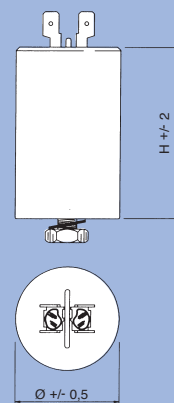
**Rated Voltage:** 450Vac  
**Rated Frequency:** 50-60Hz  
**Capacitance Tolerance:**  $\pm 5\%$   
**Working Temperature:**  $-25^{\circ}\text{C}/+85^{\circ}\text{C}$   
**Operating Class:** 400V - B 10000h (HPFNT)  
 450V - C 3000h (HPFPU)  
**Climatic Category:** 25/85/21  
**Protection Degree:** IP00 (IP54 option)  
**Loss Factor:**  $\leq 5 \times 10^{-4}$  ( $V=V_n$   $T=+20^{\circ}\text{C}$ )  
**Test Voltage between terminals:**  $2V_n \times 2 \text{ sec}$   
**Test Voltage between terminals and case:**  $2\text{kV} \times 2 \text{ sec}$   
**Reference Standard:** EN60252 – VDE560-8  
**Approvals:** – EN60252 (1,5  $\div$  45 $\mu\text{F}$ )  
 – EN60252 (1,5  $\div$  45 $\mu\text{F}$ )  
 – IEC252 (1,5  $\div$  45 $\mu\text{F}$ )  
**Executions:**  
**Case:** Pla-PB  
 Pla-C8  
**Terminals:** CB250  
 CVP150  
 FD ( $\varnothing \geq 30\text{mm}$ )  
 FS  
 G: Capacitors can be equipped with plastic protective cap (option)  
 RS: Capacitors can be equipped with discharge resistor (option)



Case: Pla-PB + Pla-C8  
Terminals: CB250



Case: Pla-PB + Pla-C8  
Terminals: CVP150



Case: Pla-PB + Pla-C8  
Terminals: FD + FS

**Rated Voltage:**  
 Nennspannung  
 Tension nominale  
 Tensión nominal

**Rated Frequency:**  
 Nennfrequenz  
 Fréquence nominale  
 Frecuencia nominal

**Capacitance Tolerance:**  
 Kapazitätstoleranz  
 Tolerance sur la capacité  
 Tolerancia sobre la capacidad

**Working Temperature:**  
 Temperaturbereich  
 Température d'utilisation  
 Temperatura de trabajo

**Operating Class:**  
 Anwendungsklasse  
 Classe de fonctionnement  
 Rango de funcionamiento

**Climatic Category:**  
 Klimaklasse  
 Catégorie climatique  
 Categoría climática

**Protection Degree:**  
 Schutzart  
 Degré de protection  
 Grado de protección

**Loss Factor:**  
 Verlustfaktor  
 Facteur de perte  
 Factor de pérdida

**Test Voltage between terminals:**  
 Prüfspannung Anschluß / Anschluß  
 Tension d'essai entre les terminaux  
 Tensión de prueba entre los terminales

**Test Voltage between terminals and case:**  
 Prüfspannung Anschluß / Gehäuse  
 Tension d'essai entre les terminaux et le boîtier  
 Tensión de prueba entre los terminales y la carcasa

**Reference Standard:**  
 Referenznormen  
 Normes de référence  
 Normas de referencia

**Approvals:**  
 Prüfzeichen  
 Homologation  
 Homologación

**Executions:**  
 Bauformen  
 Exécutions  
 Ejecuciones

**Case:**  
 Gehäuse  
 Boîtier  
 Bote

**Terminals:**  
 Anschlüssen  
 Terminaux  
 Terminales

**Pla-PB**  
 Plane base self-extinguishing (V2) plastic case  
 Selbstverlöschender Kunststoffbecher (V2) mit flachem Boden  
 Boîtier plastique auto-extinguible (V2) sans fixation  
 Bote de plástico autoextinguible (V2) sin fijación

**Pla-C8**  
 Bottom M8 metal stud self-extinguishing (V2) plastic case  
 Selbstverlöschender Kunststoffbecher (V2) mit Bodenbolzen M8  
 Boîtier plastique auto-extinguible (V2) avec vis métallique de M8  
 Bote de plástico autoextinguible (V2) con tornillo metálico de M8