

# MKA 450

Motor Film Capacitors



The **MKA 450** capacitors are suitable for the **standard** motor applications.

## TECHNICAL DATA

Climatic category	-25 °C / +85 °C
Protection degree	IP00
Loss Factor	$\leq 5 \times 10^{-4}$ typical value
Test Voltage between terminals	1,75 Vn x 2 sec (min.)
Test Voltage between terminals and case	2 Vn x 2 sec (min.)

## PERFORMANCE DATA

Rated Voltage	450 Vac
Rated Frequency	50 / 60 Hz
Capacitance Tolerance	-/+ 5%
Operating class	400 V – B 10000 h (HPFNT) 450 V – C 3000 h (HPFPU)
Dielectric	Self-healing MKP
Safety class	S0

## STANDARDS AND APPROVALS

Reference standards CEI EN 60252-1; VDE560-8

Homologation EN60252-1 (1.5 ± 45 µF)

EN60252-1 (1.5 ± 45 µF)

File E214047 (upon request)



## MECHANICAL CONFIGURATIONS

Case	Plane base self-extinguishing (V2) plastic case	Plane base self-extinguishing (V2) plastic case	Plane base self-extinguishing (V2) plastic case	Bottom M8 metal stud self-extinguishing (V2) plastic case	Bottom M8 metal stud self-extinguishing (V2) plastic case	Bottom M8 metal stud self-extinguishing (V2) plastic case
Finishing	Bipolar cable. Length = 250 mm (other length on request)	Two flexible leads. Length = 150 mm (other length on request)	Faston terminal. Single if $\varnothing = 25$ mm, otherwise double. Size = 6,3 x 0,8 mm	Bipolar cable. Length = 250 mm (other length on request)	Two flexible leads. Length = 150 mm (other length on request)	Faston terminal. Single if $\varnothing = 25$ mm, otherwise double. Size = 6,3 x 0,8 mm
Figure						
Top view						
Naming	Pla-PB CB250	Pla-PB CVF150	Pla-PB FS/FD	Pla-C8 CB250	Pla-C8 CVF150	Pla-C8 FS/FD

Optional item:

- Capacitors can be equipped with plastic **protective cap**

## CONFIGURATION

Table

Type	Cn ( $\mu$ F)	Homologation	Dimension D x H (mm)	Pcs x bag*
MKA 450-1	1		25 x 57	50
MKA 450-1,25	1,25		25 x 57	50
MKA 450-1,5	1,5	VDE   IMQ	25 x 57	50
MKA 450-2	2	VDE   IMQ	25 x 57	50
MKA 450-2,5	2,5	VDE   IMQ	25 x 57	50
MKA 450-3	3	VDE   IMQ	25 x 57	50
MKA 450-3,15	3,15	VDE   IMQ	25 x 57	50
MKA 450-3,5	3,5	VDE   IMQ	25 x 57	50
MKA 450-3,75	3,75	VDE   IMQ	25 x 57	50
MKA 450-4	4	VDE   IMQ	25 x 57	50
MKA 450-4,5	4,5	VDE   IMQ	25 x 57	50
MKA 450-5	5	VDE   IMQ	30 x 57	50
MKA 450-5,5	5,5	VDE   IMQ	30 x 57	50
MKA 450-6	6	VDE   IMQ	30 x 57	50
MKA 450-6,3	6,3	VDE   IMQ	30 x 57	50
MKA 450-7	7	VDE   IMQ	30 x 57	50
MKA 450-8	8	VDE   IMQ	30 x 70	50
MKA 450-9	9	VDE   IMQ	30 x 70	50
MKA 450-10	10	VDE   IMQ	30 x 70	50
MKA 450-11	11	VDE   IMQ	35 x 70	50
MKA 450-12	12	VDE   IMQ	35 x 70	50
MKA 450-12,5	12,5	VDE   IMQ	35 x 70	50
MKA 450-13	13	VDE   IMQ	35 x 70	50
MKA 450-14	14	VDE   IMQ	35 x 70	50
MKA 450-15	15	VDE   IMQ	40 x 70	50
MKA 450-16	16	VDE   IMQ	40 x 70	50
MKA 450-18	18	VDE   IMQ	40 x 70	50
MKA 450-20	20	VDE   IMQ	40 x 70	50
MKA 450-22	22	VDE   IMQ	40 x 94	50
MKA 450-25	25	VDE   IMQ	40 x 94	50
MKA 450-30	30	VDE   IMQ	40 x 94	50
MKA 450-31,5	31,5	VDE   IMQ	40 x 94	50
MKA 450-35	35	VDE   IMQ	45 x 94	50
MKA 450-40	40	VDE   IMQ	45 x 94	50
MKA 450-45	45	VDE   IMQ	50 x 94	50
MKA 450-50	50		50 x 94	50
MKA 450-55	55		50 x 94	50
MKA 450-60	60		50 x 120	50
MKA 450-70	70		50 x 120	50
MKA 450-75	75		50 x 120	50
MKA 450-80	80		50 x 120	50
MKA 450-90	90		60 x 120	50
MKA 450-100	100		60 x 120	50

Other solutions are available on request.

\* All capacitors are supplied inside polyethylene bag, in order to reduce cardboard boxes.