



## Dati tecnici / Technical data / Technische daten Donnes techniques / Caracteristicas tecnicos

Tensione Nominale / Rated Voltage / Nennspannung Tension nominal / Tensión nominal	250Vac
Frequenza di Rete / Rated Frequency / Nennfrequenz Fréquence nominale / Frecuencia nominal	50 / 60 Hz
Tolleranza Capacitativa / Capacitance Tolerance Kapazitätstoleranz / Tolérance sur la capacité Tolerancia sobre la capacidad	±5%
Classe di Funzionamento / Operating class Anwendungs Klasse / Classe de Fonctionnement Clase de Trabajo	250V - B 10000 (HSFNT)
Dispositivo di Sicurezza a sovrappressione / Safety device Sicherheitseinrichtung / Dispositif anti-éclatement Sistema antiexplosivo	10000 AFC
Categoria Climatica / Climatic category / Klimaklasse Catégorie climatique / Categoría climática	25 / 85 / 21 -25°C / +85°C
Grado di Protezione / Protection Degree / Schutzart Degré de protection / Grado de protección	IP00
Fattore di Dissipazione / Loss Factor / Verlustfaktor Facteur de perte / Factor de pérdida	≤5 x 10 <sup>-4</sup> Typical Value

Test di Tensione tra i terminali Test Voltage between terminals Prüfspannung Anschluss / Anschluss Tension d'essai entre les terminaux Tensión de prueba entre los terminales	2Vn x 2 sec
Test di Tensione tra terminali e custodia 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	2kV x 2 sec

<b>Norme di riferimento / Reference Standard</b>	UL810
<b>Referenznormen / Normes de référence</b>	EN 60252-1
<b>Normas de referencia</b>	

<b>Omologazioni / Approvals / Prüfzeichen Homologation / Homologación</b>	File E106844 (6 + 100 µF)
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<b>Classe di sicurezza / Safety Class</b>	P2
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## Esecuzioni / Executions / Bauformen / Exécutions / Ejecuciones

Custodia / Case / Gehäuse Boîtier / Bote	Alu-PB Alu-C8
Terminazioni / Terminals / Anschlüsse Terminaux / Terminales	F2.86 FD FS

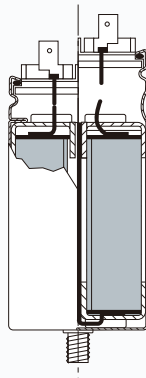
- AS: Antiscoppio a sovrappressione  
All capacitors are equipped with safety device
- G: Cappello di protezione  
Capacitors can be equipped with plastic protective cap (option)
- RS: Resistenza di scarica  
Capacitors can be equipped with discharge resistor (option)

## Descrizione / Description

La serie MKM realizzata in custodia in alluminio con dispositivo antiscoppio è particolarmente indicata per impieghi dove sono richieste caratteristiche di affidabilità e sicurezza.

The MKM in aluminium case with safety device is suitable for special application where it is requested a high level of reliability and security.

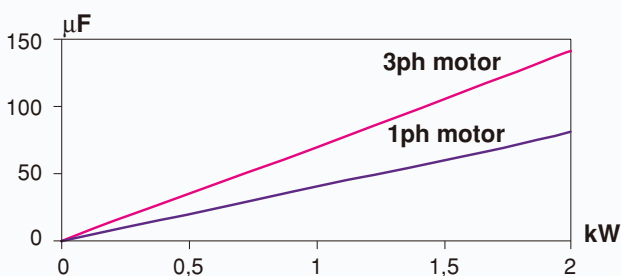
### Dispositivo di sicurezza a sovrappressione / Safety device Sicherheitseinrichtung / Dispositif anti-éclatement Sistema antiexplosivo



P2

µF / kW

Alimentazione Monofase 230Vac 50 Hz  
Single-phase supply 230Vac 50 Hz



MODELLO TYPE	Capacità Capacitance $\mu F$	Custodia / Case: Alu-PB Alu-C8		N. pezzi per scatola N. pcs. box
		$\varnothing \times H$ (mm)		
MKM 250-1	1	30	64	70
MKM 250-1.25	1.25	30	64	70
MKM 250-1.5	1.5	30	64	70
MKM 250-2	2	30	64	70
MKM 250-2.5	2.5	30	64	70
MKM 250-3	3	30	64	70
MKM 250-3.15	3.15	30	64	70
MKM 250-3.5	3.5	30	64	70
MKM 250-4	4	30	64	70
MKM 250-4.5	4.5	30	64	70
MKM 250-5	5	30	64	70
MKM 250-5.5	5.5	30	64	70
MKM 250-6	6	30	64	70
MKM 250-6.3	6.3	30	64	70
MKM 250-7	7	30	64	70
MKM 250-8	8	30	80	70
MKM 250-9	9	30	80	70
MKM 250-10	10	35	80	70
MKM 250-12	12	35	80	70
MKM 250-12.5	12.5	35	80	70
MKM 250-14	14	45	80	70
MKM 250-15	15	45	80	70
MKM 250-16	16	35	103	60
MKM 250-18	18	35	103	60
MKM 250-20	20	35	103	60
MKM 250-25	25	40	103	50
MKM 250-30	30	40	103	50
MKM 250-31.5	31.5	45	103	35
MKM 250-35	35	45	103	35
MKM 250-40	40	45	103	35
MKM 250-45	45	45	103	35
MKM 250-50	50	50	103	35
MKM 250-55	55	50	103	35
MKM 250-60	60	50	128	35
MKM 250-70	70	55	128	20
MKM 250-75	75	55	128	20
MKM 250-80	80	55	128	20
MKM 250-90	90	55	128	20
MKM 250-100	100	60	128	20

Custodia: **Alu-PB**  
Terminali: **FD - FS**

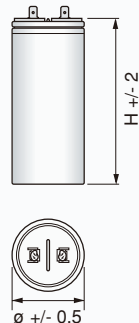


Fig.1

Custodia: **Alu-C8**  
Terminali: **FD + FS**

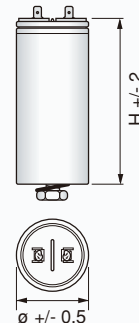


Fig.2

**Alu-PB**

Custodia alluminio con base piana  
Plane base self-extinguishing aluminium case  
Aluminiumbecher mit flachem Boden  
Boîtier aluminium auto-extinguible sans fixation  
Bote de aluminio autoextinguible sin fijación

**Alu-C8**

Custodia alluminio con codolo  
Bottom stud self-extinguishing aluminium case  
Aluminiumbecher mit Bodenbolzen  
Boîtier aluminium auto-extinguible avec vis métallique  
Bote de aluminio autoextinguible con tornillo metálico

**F2.86**

Faston singolo 2,86 x 0,8 mm  
Single tag 2.86mm x 0.8mm  
Einzelfachstecker 2.86mm x 0.8mm  
Cosse simple 2.86mm x 0.8mm  
Faston simple 2.86mm x 0.8mm

**FD**

Faston doppio 6,3 x 0,8 mm  
Double tag 6.3mm x 0.8mm  
Doppelfachstecker 6.3mm x 0.8mm  
Cosse double 6.3mm x 0.8mm  
Faston doble 6.3mm x 0.8mm

**FS**

Faston singolo 6,3 x 0,8 mm  
Single tag 6.3mm x 0.8mm  
Einzelfachstecker 6.3mm x 0.8mm  
Cosse simple 6.3mm x 0.8mm  
Faston simple 6.3mm x 0.8mm

**RS - (1M $\Omega$   $\leq$  20 $\mu F$ )**

Resistenza di scarica  
Discharge resistor  
Entladewiderstand  
Résistance de décharge  
Resistencia de descarga

**AS**

Dispositivo di sicurezza a sovrappressione  
Safety device  
Sicherheitseinrichtung  
Dispositif anti-éclatement  
Sistema antiexplosivo



## Dati tecnici / Technical data / Technische daten Donnes techniques / Caracteristicas tecnicos

Tensione Nominale / Rated Voltage / Nennspannung 450Vac  
Tension nominal / Tensión nominal

Frequenza di Rete / Rated Frequency / Nennfrequenz 50 / 60 Hz  
Fréquence nominale / Frecuencia nominal

Tolleranza Capacitativa / Capacitance Tolerance ±5%  
Kapazitätstoleranz / Tolérance sur la capacité  
Tolerancia sobre la capacidad

Classe di Funzionamento / Operating class 400V - B 10000h (HSFNT)  
Anwendungs Klasse / Classe de Fonctionnement 450V - D1000h (HSFQV)  
Clase de Trabajo

Categoria Climatica / Climatic category / Klimaklasse 25 / 85 / 21  
Categorie climatique / Categoría climática -25°C / +85°C

Grado di Protezione / Protection Degree / Schutzart IP00  
Degré de protection / Grado de protección

Fattore di Dissipazione / Loss Factor / Verlustfaktor ≤5 x 10<sup>-4</sup> Typical Value  
Facteur de perte / Factor de pérdida

Test di Tensione tra i terminali 2Vn x 2 sec  
Test Voltage between terminals  
Prüfspannung Anschluss / Anschluss  
Tension d'essai entre les terminaux  
Tensión de prueba entre los terminales

Test di Tensione tra terminali e custodia 2kV x 2 sec  
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

Norme di riferimento / Reference Standard EN60252-1  
Referenznormen / Normes de référence VDE560-8  
Normas de referencia

Classe di sicurezza / Safety Class P2

## Esecuzioni / Executions / Bauformen / Exécutions / Ejecuciones

Custodia / Case / Gehäuse	Alu-PB
Boîtier / Bote	Alu-C8 / Alu-C12
Terminazioni / Terminals / Anschlüsse	F2.86
Terminaux / Terminales	FD
	FS

AS: Antiscoppio a sovrappressione  
All capacitors are equipped with safety device

G: Cappello di protezione  
Capacitors can be equipped with plastic protective cap (option)

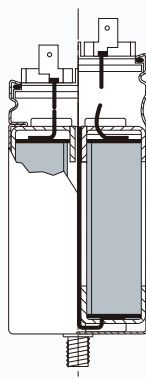
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P2

MODELLO TYPE	Capacità Capacitance $\mu\text{F}$	Custodia / Case: Alu-PB Alu-C8		N. pezzi per scatola N. pcs. box  pcs.
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MKM 450-30	30	45	103	35
MKM 450-31.5	31.5	45	103	35
MKM 450-35	35	50	103	35
MKM 450-40	40	50	103	35
MKM 450-45	45	50	128	35
MKM 450-50	50	50	128	35
MKM 450-55	55	50	128	35
MKM 450-60	60	55	140	20
MKM 450-70	70	55	140	20
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MKM 450-80	80	55	140	20
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Custodia: **Alu-PB**  
Terminali: **FD - FS**

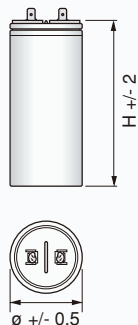


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Custodia: **Alu-C8**  
Terminali: **FD + FS**

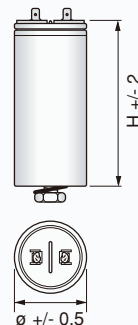


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