



# MKPA-S

交流滤波电容

## 技术参数 / Technical Data

执行标准 Implemented standard	GB/T 17702、IEC61071
气候等级 Climatic category	40/85/21
额定电压 (Un) Rated Voltage	400V.AC~1500V.AC
容量范围 (Cn) Capacitance range	3*20 $\mu$ F~3*500 $\mu$ F
容量偏差 Capacitance tolerance	$\pm 5\%$ (J)、 $\pm 10\%$ (K)
耐电压 Withstand voltage	
极间 between terminals	2.15Un(VAC)/10S
极壳 between terminals and case	2Ui+1000V.AC/60S
绝缘电阻 Insulation resistance	RixCn $\geq$ 10000S (100VDC,@50HZ 60s)

## 常用规格 / Dimension

Un 400V.AC 50Hz											
Cn ( $\mu$ F)	W (mm)	T (mm)	H (mm)	dv/dt (V/ $\mu$ S)	Ip(KA)	Irms(A)	ESR (m $\Omega$ ) @1KHz	Rth (K/W)	weight (Kg)	Part number	
3 $\times$ 200	225	120	170	50	10.0	3 $\times$ 70	3 $\times$ 0.95	1.1	7	PAS0207K00400****	
3 $\times$ 300	225	120	235	40	12.0	3 $\times$ 90	3 $\times$ 0.85	0.8	9	PAS0307K00400****	
3 $\times$ 400	295	120	235	35	14.0	3 $\times$ 120	3 $\times$ 0.80	0.7	12	PAS0407K00400****	
3 $\times$ 500	365	120	235	30	15.0	3 $\times$ 160	3 $\times$ 0.78	0.6	15	PAS0507K00400****	
Un 500V.AC 50Hz											
Cn ( $\mu$ F)	W (mm)	T (mm)	H (mm)	dv/dt (V/ $\mu$ S)	Ip(KA)	Irms(A)	ESR (m $\Omega$ ) @1KHz	Rth (K/W)	weight (Kg)	Part number	
3 $\times$ 120	225	120	170	60	7.2	3 $\times$ 50	3 $\times$ 1.2	1.1	7	PAS0127K00500****	
3 $\times$ 180	225	120	235	50	9.0	3 $\times$ 70	3 $\times$ 1.05	0.8	9	PAS0187K00500****	
3 $\times$ 240	295	120	235	45	10.8	3 $\times$ 100	3 $\times$ 1.0	0.7	12	PAS0247K00500****	
3 $\times$ 300	365	120	235	40	12.0	3 $\times$ 120	3 $\times$ 0.9	0.6	15	PAS0307K00500****	
Un 690V.AC 50Hz											
Cn ( $\mu$ F)	W (mm)	T (mm)	H (mm)	dv/dt (V/ $\mu$ S)	Ip(KA)	Irms(A)	ESR (m $\Omega$ ) @1KHz	Rth (K/W)	weight (Kg)	Part number	
3 $\times$ 50	225	120	170	100	5.0	3 $\times$ 50	3 $\times$ 2.3	1.1	7	PAS0506K00690****	
3 $\times$ 75	225	120	235	90	6.8	3 $\times$ 70	3 $\times$ 2.1	0.8	9	PAS0756K00690****	
3 $\times$ 100	295	120	235	80	8.0	3 $\times$ 100	3 $\times$ 1.6	0.7	12	PAS0107K00690****	
3 $\times$ 125	365	120	235	80	10.0	3 $\times$ 120	3 $\times$ 1.3	0.6	15	PAS1257K00690****	
Un 1140V.AC 50Hz											
Cn ( $\mu$ F)	W (mm)	T (mm)	H (mm)	dv/dt (V/ $\mu$ S)	Ip(KA)	Irms(A)	ESR (m $\Omega$ ) @1KHz	Rth (K/W)	weight (Kg)	Part number	
3 $\times$ 42	340	175	200	120	5.0	3 $\times$ 80	3 $\times$ 3.3	0.6	17.3	PAS0426K01140****	
3 $\times$ 60	420	175	250	100	6.0	3 $\times$ 100	3 $\times$ 2.8	0.5	26	PAS0606K01140****	
Un 1500V.AC 50Hz											
Cn ( $\mu$ F)	W (mm)	T (mm)	H (mm)	dv/dt (V/ $\mu$ S)	Ip(KA)	Irms(A)	ESR (m $\Omega$ ) @1KHz	Rth (K/W)	weight (Kg)	Part number	
3 $\times$ 20	420	130	170	150	10.0	3 $\times$ 80	3 $\times$ 2.6	1.0	16	PAS0206K01500****	
3 $\times$ 40	420	130	300	120	12.0	3 $\times$ 100	3 $\times$ 2.3	0.8	20	PAS0406K01500****	
3 $\times$ 60	420	200	170	100	15.0	3 $\times$ 120	3 $\times$ 2.0	0.6	24	PAS0606K01500****	



# MKPA-MO

交流滤波电容



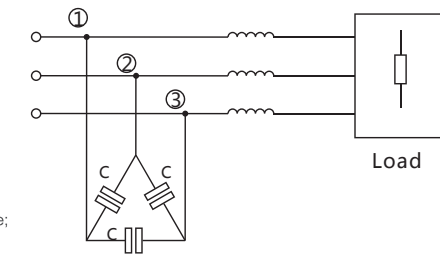
## 应用 / Application

- 广泛应用于电力电子设备中作交流滤波用；
- 在大功率UPS，开关电源，变频器等设备中作交流滤波，治理谐波及提高功率因数。
- Widely used in power electronic equipment used for the AC filler;
- In the high-power UPS,switching power supply,inverter and other equipment for the AC filler, harmonics and improve power factor control.

## 产品特点 / Introduction

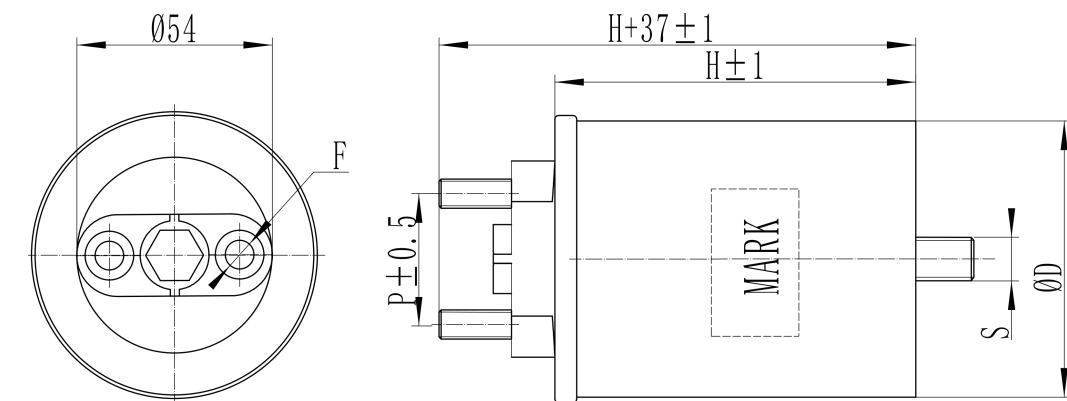
- 圆柱形铝外壳封装，空间占地小；
- 引出形式多样选择，连接可靠，接触电阻小；
- 美式机械防爆，安全可靠；
- 容值高，耐压高，自愈性强；
- 长寿命元件设计，承受高谐波电流，温升低。
- Cylindrical aluminum shell package,space covers a small area;
- The way of ext raction canbe varied,reliable connection,small contact res istance;
- American mechanical explosion-proof,safe and reliable;
- High capacitance,high pressure level,self healing;
- Long life component design,High frequency harmonic current,Low Temperat ure Rise.

## 典型应用电路 / Typical Circuit

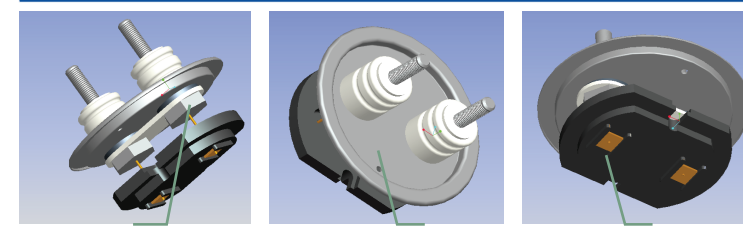


AC Filter Capacitance(C)

## 外形图 / Outline Drawing



## Explosion-proof structure description 防爆结构描述



防爆保险丝  
Explosion-proof fuse

注油口  
Oil port

端盖绝缘  
End cover insulation