

Power Capacitors

Vishay



PRODUCT DESCRIPTION	TYPE	VOLTAGE RANGE V	OUTPUT RANGE kVAr	FREQUENCY
Capacitors for Inductive Heating Mains Frequency Air-cooled	PHMKP PHAO	200 - 1000	50 - 675	50/60
		850 - 3000	350 - 740	50/60
Medium Frequency Water-cooled, not Subdivided	PHAWO	600 - 3000	800 - 2000	150
		600 - 3000	1000 - 3000	250
		600 - 3000	1300 - 4000	300
		250 - 3000	400 - 6000	500
		250 - 3000	500 - 8000	600
		250 - 2500	600 - 6000	1000
		250 - 2400	600 - 6000	2000
		250 - 2000	600 - 5000	3000
		250 - 2000	600 - 5000	4000
		250 - 2000	600 - 4800	5000
Medium Frequency Water-cooled, Subdivided	PHAWO	600 - 3000	800 - 2000	150
		600 - 3000	1000 - 3000	250
		600 - 3000	1000 - 4000	300
		250 - 3000	400 - 6000	500
		250 - 3000	400 - 6000	600
		250 - 2450	500 - 5000	1000
		250 - 2450	500 - 6000	2000
		250 - 1500	500 - 4000	3000
		250 - 1500	400 - 4000	4000
		250 - 1500	450 - 4000	5000
		250 - 1500	400 - 3500	8000
		250 - 1500	400 - 3400	10000
Medium Frequency Water-cooled, Twin Output	PHAWOZ	250 - 2000	700 - 6400	1000
		250 - 2400	1000 - 8800	2000
		250 - 2000	1000 - 7800	3000
		250 - 2000	1000 - 7500	4000
		250 - 2000	1000 - 7300	5000
		250 - 1500	900 - 5000	8000
		250 - 1500	800 - 5000	10000
High Frequency Water-cooled, Subdivided	PHAWOC	500 - 1000	1000 - 2000	10000
		500 - 1000	900 - 1800	20000
		500 - 1000	840 - 1700	30000
		500 - 1000	800 - 1600	40000
		500 - 1000	800 - 1600	50000
		500 - 1000	800 - 1600	60000
		500 - 1000	700 - 1450	80000
		500 - 750	700 - 1000	100000



PRODUCT DESCRIPTION	TYPE	VOLTAGE V	CAPACITANCE RANGE μF		
Lamp Capacitors Parallel Capacitors, Series Capacitors	LMK	250	2 - 60		
	LMK	450	1 - 20		
PRODUCT DESCRIPTION	TYPE	VOLTAGE VDC	CAPACITANCE μF	DESIGN MM	PIN DISTANCE
Capacitors for Power Electronic MKP-DC-Filter Dry, Self Healing, Segmented	GMKPG	max. 10000	max. 20000	–	–
	GMKPG	900	12000	500 x 175 x 365	–
	GMKPG	10000	128.6	485 x 175 x 750	–
	GMKPG	900	500	Ø 84.4 x 190	–
	GMKPG	1200	300	Ø 84.4 x 190	–
	GMKPG	450	18	42 x 28 x 40	37.5
MKP AC Filter Dry, Self Healing	PHMKPG	max. 1400	> 5	–	–
	PHMKPG	440	3 x 416	345 x 135 x 220	–
	PhMKPG	690	1,600	345 x 175 x 480	–
	PhMKPG	1400	33	Ø 84.4 x 340	–
MKP Snubber Dry, Self Healing, Segmented	GMKPG	3000	280	–	–
	GMKPG	1000	42	Ø 84.4 x 90	–
	GMKPG	3000	9	Ø 84.4 x 130	–
DC Capacitors Round Can Oil Impregnated, Self Healing, with Tear-off-Fuse	GMKP 1000	1000	2.0 - 400	Ø 30 - Ø 84	–
	GMKP 1800	1800	4.0 - 40	Ø 30 - Ø 84	–
	GMKP 3000	3000	2.0 - 28	Ø 30 - Ø 84	–
PRODUCT DESCRIPTION	TYPE	VOLTAGE DC/AC/PEAK	CAPACITANCE RANGE μF	DESIGN MM	
GTO Snubber Oil Impregnated	GTO4500	3300/1400/4500	0,25 - 7	Ø 92 x 91(max 181)	
	GTO4500-6 P	3300/14400/4500	6	Ø 92 x 161	
	GTO6000-00.65	4400/1880/6000	0.65	Ø 92 x 151	
GTO Snubber Dry, Self Healing	GTO1200-2	800/500/1200	2	Ø 60 x 49	
	GTO4000-0.12	3000/1400/4000	0.12	Ø 55 x 59	
GTO Clamping Dry, Self Healing, Segmented	GTO	max. 4000	5 - 80	–	
	GTO2940-12	2940	12	Ø 91 x 161	
PRODUCT DESCRIPTION	TYPE	VOLTAGE DC/AC/PEAK	CAPACITANCE RANGE μF	DU/DT V/ μs	
AC Commutation and Damping Oil Impregnated, Self Healing, with Tear-Off-Fuse	KMKP900	900/640/1344	0.1 - 100	750 - 300	
	KMKP1400	1400/1000/2100	0.1 - 30	900 - 250	
	KMKP3500	3500/2480/5208	0.1 - 0.68	1900 - 750	
	KA3500	3500/2480/5208	1.0 - 3.0	500 - 400	

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PRODUCT DESCRIPTION	TYPE	VOLTAGE RANGE DC	CAPACITANCE RANGE μ F
DC-Filter Capacitors Polyester/Paper	ER10	1000	0.1 - 50
	ER20	2000	0.1 - 20
	ER30	3000	0.1 - 50
	ER40	4000	0.1 - 30
	ER50	5000	0.1 - 50
	ER60	6000	0.1 - 20
	ER80	8000	0.05 - 15
	ER100	10000	0.05 - 15
	ER120	12000	0.05 - 4
	ER150	15000	0.01 - 2
	ER200	20000	0.01 - 4
	ER250	25000	0.05 - 0.5
	ER300	30000	0.03 - 1
	ER400	40000	0.03 - 0.05
DC-Filter Capacitors Polyester/Paper	ET10	1000	0.01 - 2
	ET15	1500	0.01 - 2
	ET20	2000	0.01 - 0.5
	ET30	3000	0.005 - 1
	ET40	4000	0.001 - 0.5
	ET50	5000	0.001 - 0.5
	ET60	6000	0.001 - 0.25
	ET80	8000	0.005 - 0.25
	ET100	10000	0.001 - 0.25
	ET120	12000	0.002 - 0.1
	ET150	15000	0.001 - 0.1
	ET200	20000	0.001 - 0.1
	ET250	25000	0.0005 - 0.05
	ET300	30000	0.0005 - 0.03
	ET400	40000	0.001 - 0.01
	ET500	50000	0.0005 - 0.01
ET600	60000	0.001 - 0.0015	
DC-Filter Capacitors High Voltage Filter	EC	10000 - 120000	0.005 - 0.5
	EPR	15000 - 300000	0.0025 - 0.5
PRODUCT DESCRIPTION	TYPE	VOLTAGE AC	OUTPUT RANGE kVAr
Capacitors For Low Voltage Oil Impregnated or Dry (g) Three Phase, Self Healing, with Fuse	PHMKP(G) 230.3	230	2.5 - 15
	PHMKP(G) 400.3	400	2.5 - 25
	PHMKP(G) 440.3	440	5 - 30
	PHMKP(G) 525.3	525	3 - 25
	PHMKP(G) 660.3	660	5 - 22.9



PRODUCT DESCRIPTION	TYPE	VOLTAGE AC	OUTPUT RANGE kVar
Single Phase, Self Healing, with Fuse	PhMKP(G) 230.1	230	2.5 - 5
	PhMKP(G) 400.1	400	2.5 - 16.7
	PhMKP(G) 525.1	525	5 - 20
High Output, Dry Three Phase, Self Healing, with Fuse	PHMKDG 400.3.50	400	50
	PHMKDG 415.3.40	415	40
	PHMKDG 415.3.50	415	50
	PHMKDG 440.3.50	440	50
	PHMKDG 440.3.56.2	440	56
	PHMKDG 460.3.50	460	50
	PHMKDG 525.3.50	525	50
	PHMKDG 690.3.50	690	50
	PHMKDG 760.3.50	760	50
PRODUCT DESCRIPTION	TYPE	RATED VOLTAGE kV	Hz
Power Factor Controller Controller 6 - Step	ESTAmatMH6	230 or 120	50 or 60
Power Factor Controller Controller 12 - Step	ESTAmatMH12	230 or 120	50 or 60
Power Factor Controller 6 - Step Serial Interface RS232	ESTAmatPFC6	230 or 120	50 or 60
Power Factor Controller 12 - Step Serial Interface RS232	ESTAmatPFC12	230 or 120	50 or 60
Power Factor Controller 6 - Step For High Voltage Application	ESTAmatPFC6/MSP	230 or 120	50 or 60
PRODUCT DESCRIPTION	TYPE	SYSTEM VOLTAGE kV	OUTPUT RANGE kVar
Capacitors For Medium/High Voltage Oil Impregnated, all-Film Three Phase Capacitors, Indoor IP00	PHAO	3.3 - 7.2	50 - 800
	PHAO	12	50 - 400
Capacitors Three Phase Capacitors, Indoor, IP55	PHAO	3.3 - 12	50 - 800
Capacitors Single Phase Capacitors, Indoor IP00	PHAO	3.3 - 24	200 - 1000
Capacitors Single Phase Capacitors, Outdoor IP00	PHAFO	3.3 - 24	200 - 1000

Single phase capacitors also available with one bushing only (live casing), type PHAFSO

Capacitor Banks to customer specification at any voltage and output, including unbalance protection and steel racks, factory pre-assembled