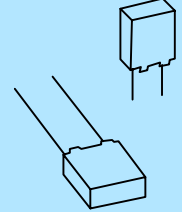
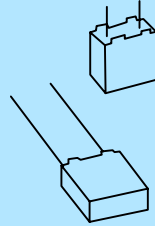
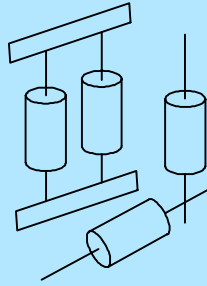


POLYESTER CAPACITORS

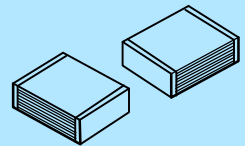
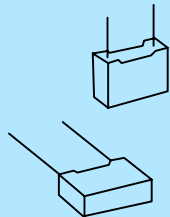
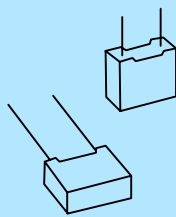


MULTIPURPOSE

HIGH PERFORMANCE WOUND & STACKED TECHN. DIN 44122

HIGH PERFORMANCE STACKED TECHNOLOGY

SERIES	MKT A50	MKT R82	MKT RSB
	Pitch	Axial	5 mm
Dielectric	Polyester	Polyester	Polyester
Electrodes	Metallized film	Metallized film	Metallized film
Capacitance range	0.001 to 10 μ F	0.001 to 4.7 μ F	0.001 to 1.5 μ F
Rated voltage	50 to 1000 Vdc	50 to 400 Vdc	63 to 630 Vdc
Available tolerance	$\pm 5 \pm 10 \pm 20 \%$	$\pm 5 \pm 10 \pm 20 \%$	$\pm 5 \pm 10 \pm 20 \%$
Pulse rise time (dV/dt)	1 to 50 V/ μ s	25 to 400 V/ μ s	250 to 800 V/ μ s
Climatic category (IEC 60068-1)	55/100/56	55/100/56	55/125/56
Operating temperature range	-55 to +105°C	-55 to +105°C	-55 to +125°C
Packing	Loose or taped	Loose or taped	Loose or taped



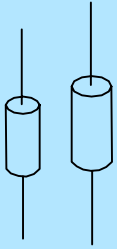
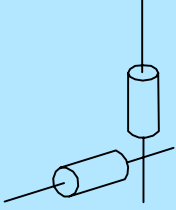
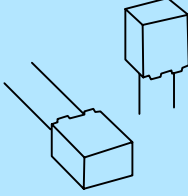
MULTIPURPOSE WOUND & STACKED TECHN.

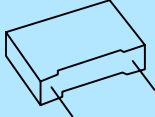
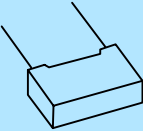
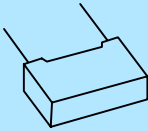
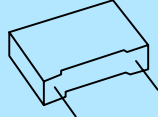
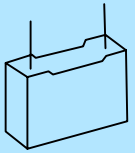
MULTIPURPOSE WOUND & STACKED TECHN.

MULTIPURPOSE

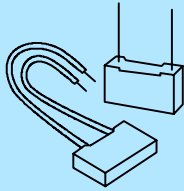
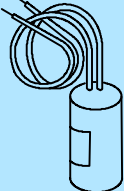
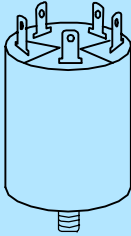
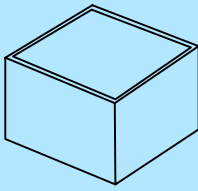
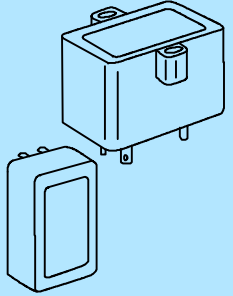
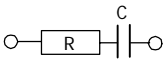
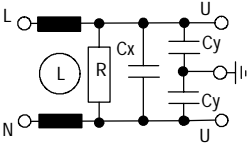
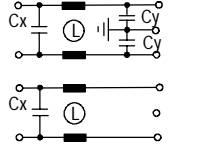
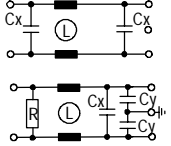
SERIES	MKT R66	MKT R60	MKT LDE
	Pitch	7.5 mm	10 to 27.5 mm
Dielectric	Polyester	Polyester	Polyester (PEN)
Electrodes	Metallized film	Metallized film	Metallized film
Capacitance range	0.001 to 3.3 μ F	0.001 to 22 μ F	0.001 to 4.7 μ F
Rated voltage	63 to 630 Vdc	63 to 1000 Vdc	50 to 630 Vdc
Available tolerance	$\pm 5 \pm 10 \pm 20 \%$	$\pm 5 \pm 10 \pm 20 \%$	$\pm 5 \pm 10 \pm 20 \%$
Pulse rise time (dV/dt)	5 to 300 V/ μ s	1 to 200 V/ μ s	100 V/ μ s
Climatic category (IEC 60068-1)	55/100/56	55/100/56	55/125/56
Operating temperature range	-55 to +105°C (125°C)	-55 to +105°C (125°C)	-55 to +125°C
Packing	Loose or taped	Loose or taped	Loose or taped

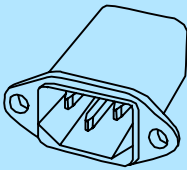
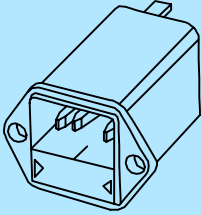
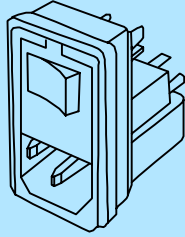
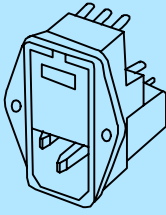
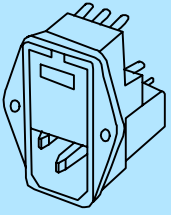
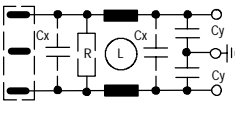
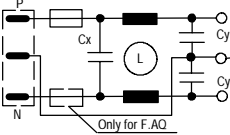
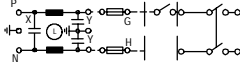
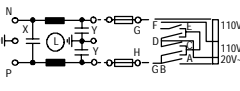
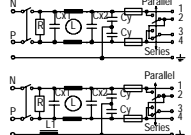
POLYPROPYLENE CAPACITORS

			
	MULTIPURPOSE	HIGH CURRENT	TIMING
SERIES	MKP A70	KP A72	KP-MKP R79
Pitch	Axial	Axial	5 mm
Dielectric	Polypropylene	Polypropylene	Polypropylene
Electrodes	Metallized film	Film-foil	Film-foil Metallized film*
Capacitance range	0.001 to 4.7 μF	47 pF to 0.33 μF	100 pF to 0.0027 μF 0.001 to 0.15 μF *
Rated voltage	160 to 630 Vdc	100 to 2000 Vdc	100 to 630 Vdc
Available tolerance	$\pm 5 \pm 10 \pm 20 \%$	$\pm 5 \pm 10 \pm 20 \%$	$\pm 2.5 \pm 5 \pm 10 \%$
Pulse rise time (dV/dt)	1 to 30 V/ μs	1000 to 27000 V/ μs	20 to 1000 V/ μs
Climatic category (IEC 60068-1)	55/100/56	55/100/56	55/100/56
Operating temperature range	-55 to +105°C	-55 to +105°C	-55 to +105°C
Packing	Loose or taped	Loose or taped	Loose or taped

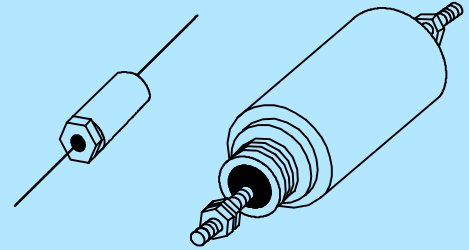
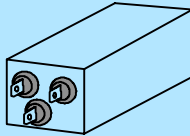
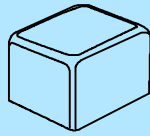
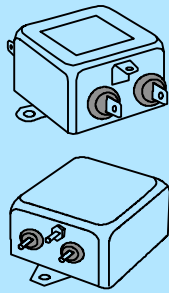
					
	PULSE APPLICATION FOR TV, MONITORS, SMPS & ELECTRONIC LIGHTING				
SERIES	KP R73	MKP R74	MKP R75	MMKP R76	MMKP R77
Pitch	7.5 to 37.5 mm	10 to 27.5 mm	7.5 to 37.5 mm	7.5 to 37.5 mm	10 to 27.5 mm
Dielectric	Polypropylene	Polypropylene	Polypropylene	Polypropylene	Polypropylene
Electrodes	Film-foil	Single sided metallized film	Single sided metallized film	Double sided metallized film	Double sided metallized film
Capacitance range	100 pF to 1.5 μF	0.001 to 0.12 μF	0.001 to 22 μF	470pF to 10 μF	0.001 to 0.1 μF
Rated voltage	100 to 2000 Vdc	250 to 900 Vac	160 to 1250 Vdc	250 to 2000 Vdc	250 to 900 Vac
Available tolerance	$\pm 2.5 \pm 5 \pm 10 \%$	$\pm 5 \pm 10 \%$	$\pm 5 \pm 10 \pm 20 \%$	$\pm 2.5 \pm 5 \pm 10 \%$	$\pm 2.5 \pm 5 \pm 10 \%$
Pulse rise time (dV/dt)	2400 to 54000 V/ μs	250 to 3000 V/ μs	35 to 1300 V/ μs	100 to 9500 V/ μs	900 to 9500 V/ μs
Climatic category (IEC 60068-1)	55/100/56	55/100/56	55/100/56	55/100/56	55/100/56
Operating temperature range	-55 to +105°C	-55 to +105°C	-55 to +105°C	-55 to +105°C	-55 to +105°C
Packing	Loose or taped	Loose or taped	Loose or taped	Loose or taped	Loose or taped

EMI-RFI FILTERS

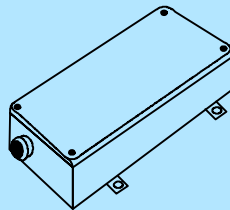
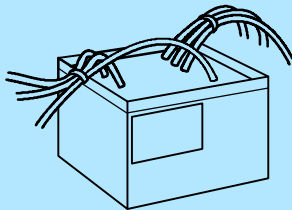
					
SERIES	RC SPARK SUPP.	WHITE GOOD APPLIANCES		CONSUMER APPLIANCES	
	1.43	F.AT	F.NC	F.LH	F.AH/F.AA
Filter type	Single-phase	XY	LC	LC - general purpose (i.e. printed circuit)	LC - general purpose
		<i>Not for new design</i>			
Rated voltage	250 to 630 Vdc 160 to 275 Vac; 50/60 Hz	250 V; 50/60 Hz	275V; 50/60Hz	250 V; 50/60 Hz	250 V; 50/60 Hz
Rated current range			10 to 16 A	0.5 to 6 A	0.5 to 10 A
Climatic category (IEC 60068-1)	40/100/56	25/085/21	25/100/21	25/085/21	25/085/21
Case	Plastic	Plastic	Plastic	Plastic; PCB mounting	Plastic; screw fixing or PCB mounting
Terminals	For printed circuits or flexible leads	Flexible leads with or without faston	Faston 6.3 × 0.8mm	For printed circuit	For printed circuit or faston 2.8 × 0.5mm
Approvals	EN 132400 only 275 Vac	EN 132400	EN 133200; UL 1283	VDE 0565-3	VDE 0565-3; UL 1283; CSA 22.2 N°8 (on certain models)

					
SERIES	CONSUMER APPLIANCES				
	F.AN/F.BN	F.BP/F.BQ	F.MA/F.MB F.MC/F.MD	F.MF/F.MG	F.MH/F.MK F.ML/F.MM
Filter type	Plug filter	Plug filter with fuse holders	Multifunction; fuse holders and main switch	Multifunction; fuse holders and voltage selector	Multifunction; fuse holders, main switch and voltage selector
					
Rated voltage	250 V; 50/60 Hz	250 V; 50/60 Hz	250 V; 50/60 Hz	250 V; 50/60 Hz	250 V; 50/60 Hz
Rated current range	1 to 15 A	1 to 10 A	1 to 6 A	1 to 6 A	1 to 6 A
Climatic category (IEC 60068-1)	25/085/21	25/085/21	25/085/21	25/085/21	25/085/21
Case	Metal; screw fixing	Metal; screw fixing	Metal; screw or snap-in fixing	Metal; screw or snap-in fixing	Metal; screw fixing
Terminals	Faston 2.8 × 0.5mm or 6.3 × 0.8mm	Faston 6.3 × 0.8mm	Faston 6.3 × 0.8mm or 2.8 × 0.5mm	Faston 6.3 × 0.8mm or 2.8 × 0.5mm	Faston 6.3 × 0.8mm
Approvals	EN 133200; UL 1283; CSA 22.2 N°8 (on certain models)	EN 133200; UL 1283; CSA 22.2 N°8	VDE 0565-3; UL 1283; CSA 22.2 N°8	VDE 0565-3; UL 1283; CSA 22.2 N°8	VDE 0565-3; UL 1283; CSA 22.2 N°8

EMI-RFI FILTERS

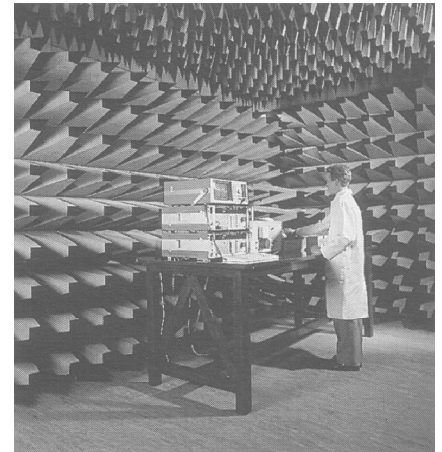


SERIES	PROFESSIONAL APPLIANCES			FEED THROUGH		
	F.AI/F.AM F.AK/F.AR/ F.AS	F.AM.AV	F.LLE2 (AI/AS/AN/FP types)	AF- -060 AF- -100 Film dielectric	AK- -A00 AD- -170 Ceramic dielectric	F.LL.DU F.LL.DH Film dielectric
Filter type	LC - single or double stage	LC - single or double stage for printed circuit	LC - double stage	C/LC/CL/PI/T/2PI/2T configuration		PI configuration
Rated voltage	250 V; 50/60 Hz	250 V; 50/60 Hz	250 V; 50/60 Hz	100 to 630 Vdc	80 to 600 Vdc	350 to 750 Vdc 250 to 440 Vac
Rated current range	0.5 to 40 A	3.3 to 16 A	6 to 63 A	1 to 30 A	0.06 to 25 A	16 to 300 A
Climatic category (IEC 60068-1)	25/085/21	25/085/21	25/085/21	55/125/56		40/085/56
Case	Metal; screw fixing	Metal; PCB mounting	Metal	Metal; screw fixing		Metal; screw fixing
Terminals	Faston 6.3 × 0.8mm Flexible leads Screws M4	For printed circuit	Faston 6.3 × 0.8mm	Wire or tag		Screws
Approvals	VDE 0565-3; UL 1283; CSA 22.2 N°8 (on certain models)	VDE 0565-3; UL 1283; CSA 22.2 N°8 (on certain models)	UL 1283 (on certain models)	BS 9121F0020 (AFCL100) BS 9121F0021 (AFCL060) UL 1283 (on certain models)	BS 9121F0008	UL 1283 (on certain models)
				Meets requirements of MIL-F-15733		



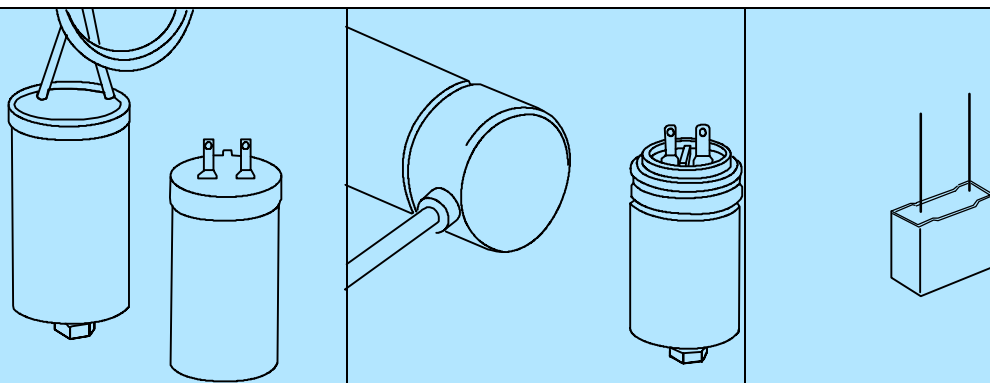
THREE-PHASE

SERIES	F.LL.D3 (xx type)	F.TR/F.LL.D3
Filter type	Chokes	Standard and custom designed filters, various cabinets, various circuitries
Rated voltage	Max 440 V; 50/60 Hz	Max 600 V (PH-PH); 50/60 Hz
Rated current range	75 to 150 A	3 to 450 A
Climatic category (IEC 60068-1)	25/085/21	25/085/21
Case	Metal; screw fixing	Metal; screw fixing
Terminals	Flexible leads	Clamp, screws, wires upon request
Approvals		VDE 0565-3; UL 1283; CSA 22.2 N°8 (on certain models)

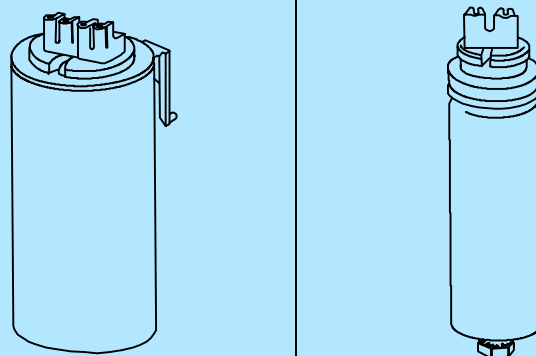


Arcotronics has designers, production departments and suitable laboratory facilities in Italy, Germany and Great Britain to assist and advise customers on EMC problems. Capital investment by Arcotronics has provided screened rooms in Italy and Germany and a large anechoically lined screened room in Great Britain. This General short-form is a brief summary of the whole filter range produced in Arcotronics plants. Custom made filters designed according to special customers' requirements represent one of the most important and strong point of Arcotronics Technical Service.

METALLIZED POLYPROPYLENE A.C. CAPACITORS

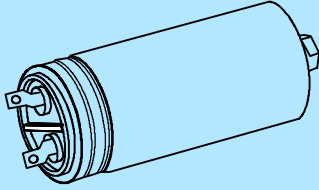
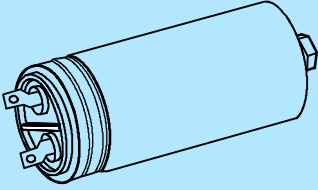
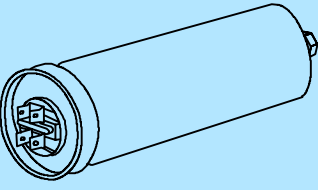


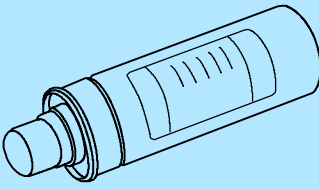
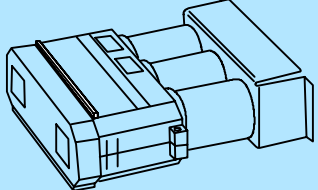
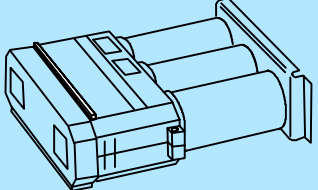
SERIES	MOTOR RUN APPLICATIONS		
	MKP C.27 C27.4 - C27.6 - C27.7	MKP C.87 C87.0 - C87.8	MKP C.24
Dielectric	Polypropylene		
Electrodes	Metallized self-healing film		
Capacitance range	1 to 100 μ F	1 to 80 μ F	0.5 to 14 μ F
Rated voltage	150 to 500 Vac	275 to 500 Vac	400 to 450 Vac
Available tolerance	$\pm 5 \pm 10 \%$	$\pm 5 \pm 10 \%$	$\pm 5 \pm 10 \%$
Operating temperature range	-25 to +100°C	-25 to +85°C	-25 to +85°C
Operating frequency	50 to 60 Hz	50 to 60 Hz	50 to 60 Hz
Fail safe device	NO	YES	NO
Case	Plastic	Aluminium	Plastic
Approvals	VDE; UL	VDE, UL	VDE
Recognized	Countries participating in CB scheme	Countries participating in CB scheme	Countries participating in CB scheme
Reference standards	EN 60252 - UL 810 construction only	EN 60252 - UL 810	EN 60252



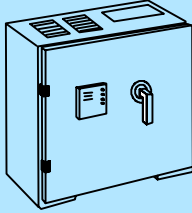
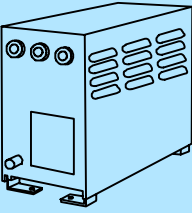
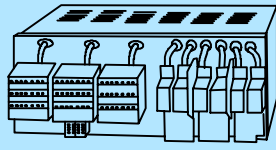
SERIES	LIGHTING APPLICATIONS	
	MKP C.3B	MKP C.95 C95.0 - C95.4
Dielectric	Polypropylene	
Electrodes	Metallized self-healing film	
Capacitance range	2 to 50 μ F	2 to 60 μ F
Rated voltage	250 Vac	250 to 450 Vac
Available tolerance	$\pm 5 \pm 10 \%$	$\pm 4 \pm 10 \%$
Operating temperature range	-25 to +85°C	-25 to +100°C
Operating frequency	50 to 60 Hz	50 to 60 Hz
Fail safe device	NO	YES
Case	Plastic	Aluminium
Approvals	ENEC 03	ENEC 03 - IMQ - UL
Reference standards	EN 61048/A2 - EN 61049	EN 61048/A2 - EN 61049 - UL 810

CAPACITORS FOR POWER FACTOR CORRECTION

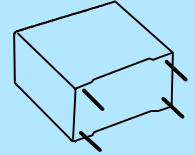
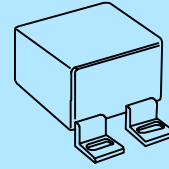
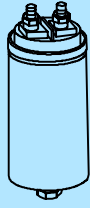
			
SINGLE-PHASE	General purpose continuous use	General purpose and filtering	High reliability continuous use
SERIES	MKP C.93	MKP C.93-2In	C.20G
Dielectric	Polypropylene		
Electrodes	Metallized self-healing film		Double Metallized paper
Capacitance range	13.7 to 105 μ F	13.7 to 105 μ F	10.6 to 83 μ F
Rated voltage (A.C.)	230 to 525 Vac	230 to 525 Vac	400 to 1000 Vac
Rated RMS current	7.5 to 13 A	up to 18 A	18 to 30 A
Rated power	0.83 to 4.17 kvar	0.83 to 4.17 kvar	0.83 to 4.17 kvar
Climatic category	-25/D	-25/D	-25/D
Operating temperature range	-25 to 55°C	-25 to 55°C	-25 to 70°C
Pulse rise time	30V/ μ s	35V/ μ s	100V/ μ s
Ageing test (capacitance decrease within 5%)	80 000 hours	80 000 hours	130 000 hours
Fail safe device	YES	YES	YES
Approvals	IMQ; UL	IMQ; UL	
Reference standard	IEC 60831 - EN60831 - UL 810	IEC 60831 - EN60831 - UL 810	IEC 60831 - EN60831

			
ASSEMBLED THREE-PHASE	General purpose	Modular	Modular
SERIES	MKP C.9T	MKP C.88	C.21
Dielectric	Polypropylene		
Electrodes	Metallized self-healing film		Double metallized paper
Rated voltage (A.C.)	400 to 800 Vac	230 to 690 Vac	400 to 750 Vac
Rated RMS current	up to 47 A	up to 25 A	up to 31 A
Rated power	1 to 25 kvar	1 to 12.5 kvar	5 to 10 kvar
Climatic category	-25/D	-25/D	-25/D
Operating temperature range	-25 to 55°C	-25 to 55°C	-25 to 55°C
Pulse rise time	25V/ μ s	30V/ μ s	100V/ μ s
Ageing test (capacitance decrease within 5%)	50 000 hours	80 000 hours	130 000 hours
Fail safe device	YES	YES	YES
Approvals		IMQ	
Reference standard	IEC 60831 - EN60831	IEC 60831 - EN60831	EN60831 - EN60831

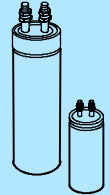
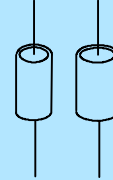
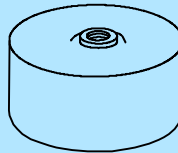
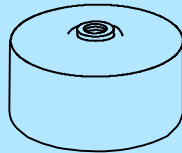
POWER FACTOR CORRECTION CABINETS AND BANKS

			
EQUIPMENTS	Automatic power compensation	Direct-on line equipments	Modular racks 19"
SERIES	C.94 - C.92	C.9B - C.9D	C.91
Rated voltage (A.C.)	230 to 690 Vac	230 to 700 Vac	230 to 690 Vac
Rated power	7.5 to 1200 kvar	7.5 to 100 kvar	12.5 to 100 kvar
Operating frequency	50 to 60 Hz	50 to 60 Hz	50 to 60 Hz
Operating temperature range	0 to 40°C	0 to 70°C	-25 to +55°C
Approvals	CESI INSTITUTE		
Reference standard	IEC 60439 - EN60439	IEC 60439 - EN60439	IEC 60439 - EN60439

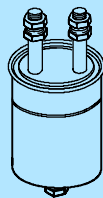
CAPACITORS FOR POWER ELECTRONICS



DRY TECHNOLOGY	COMMUTATION	SNUBBER	SNUBBER & SWITCHING	SNUBBER & SWITCHING
SERIES	MKP 1.44/A	MKP 1.44/B	MKP C.4BS C.4BT	MKP C.4AS C.4AT
Dielectric	Polypropylene			
Electrodes	Metallized self-healing film			
Capacitance range	1 to 400 μF	0.022 to 5 μF	0.047 to 60 μF	0.01 to 33 μF
Rated voltage (D.C.)	400 to 2000 Vdc	850 to 3000 Vdc	250 to 3000 Vdc	250 to 3000 Vdc
Rated voltage (A.C.)	250 to 900 Vac	500 to 1000 Vac	160 to 750 Vac	160 to 750 Vac
Available tolerance	$\pm 5 \pm 10 \%$	$\pm 5 \pm 10 \%$	$\pm 5 \pm 10 \%$	$\pm 5 \pm 10 \%$
Rated RMS current	5 to 60 A	4 to 25A	8 to 33 A	3 to 22 A
Pulse rise time	20 to 500 V/ μs	250 to 750 V/ μs	20 to 1100 V/ μs	15 to 1850 V/ μs
Climatic category (DIN 40040)	GPD	GPD	GPD	GPD
Operating temperature range	-40 to +85°C	-40 to +85°C	-40 to +85°C	-40 to +85°C



DRY TECHNOLOGY	GTO SNUBBER	CLAMPER	SNUBBER & SWITCHING	HARMONICS FILTERS
SERIES	MKP C.4DC	MKP C.4DR	MKP C.4C - C.4G C.4H - C.4M	MKP 1.44/3
Dielectric	Polypropylene			
Electrodes	Metallized self-healing film			
Capacitance range	0.5 to 6 μF	1 to 220 μF	0.010 to 40 μF	50 to 600 μF
Rated voltage (D.C.)	850, 1000, 1400 Vdc	400 to 1500 Vdc	250 to 3000 Vdc	400 to 1200 Vdc
Rated voltage (A.C.)	500 to 700 Vac	160 to 500 Vac	160 to 750 Vac	250 to 550 Vac
Available tolerance	$\pm 5 \pm 10 \%$	$\pm 5 \pm 10 \%$	$\pm 5 \pm 10 \%$	$\pm 10 \%$
Rated RMS current	30 to 70 A	25 to 74 A	5 to 12 A	30 to 90 A
Pulse rise time	380 to 1000 V/ μs	40 to 400 V/ μs	1 to 2100 V/ μs	5 to 30 V/ μs
Operating temperature range	-40 to +85°C	-40 to +85°C	-40 to +85°C	-40 to +70°C



OIL IMPREGNATED TECHNOLOGY	COMMUTATION & HARMONICS FILTERS	SNUBBER	GENERAL PURPOSE
SERIES	C.20A	C.20B	C.20F
Dielectric	Polypropylene		
Electrodes	Double metallized paper		
Capacitance range	6.8 to 150 μF	0.1 to 10 μF	0.22 to 47 μF
Rated voltage (D.C.)	600 Vdc to 1100 Vdc	900, 1400, 1700, 2100, 3350 Vdc	600, 750, 900 Vdc
Rated voltage (A.C.)	420 Vac to 780 Vac	640, 990, 1200, 1480, 2320 Vac	420, 530, 640 Vac
Available tolerance	$\pm 10 \pm 20 \%$	$\pm 10 \pm 20 \%$	$\pm 10 \pm 20 \%$
Rated RMS current	18 to 80 A	18 to 80 A	10 to 18 A
Pulse rise time	50 to 500 V/ μs	300 to 1800 V/ μs	30 to 500 V/ μs
Operating temperature range	-25 to +70°C	-25 to +70°C	-25 to +70°C
Fail safe device	YES	YES	YES