

## HARMONICS FILTER CAPACITORS CYLINDRICAL SHAPE

These capacitors have been specially designed for easy mounting. They offer an ideal solution to harmonics filters and for low voltage power factor correction.



### TECHNICAL DATA

Dielectric	metalized polypropylene MKP
Execution	dry type (no PCB)
Capacitance tolerance	-5% + 15%
Rated frequency	50 Hz
Max operating voltage	1,1 U <sub>n</sub> (max 8 hours on 24)
Discharge resistors	included (50 V within 3 sec)
Test voltage between terminals	2,15 U <sub>n</sub> – 10 sec
Test voltage between terminals	3000 V - 10 sec
Max admissible rms current	1,3 I <sub>n</sub>
Max voltage rise/fall time	< 40 V/μsec
Dielectric losses	≤ 0,2 W/kvar
Total losses of capacitors	≤ 0,4 W/kvar

Thermal category	- 25°C
Max ambient temperature	+ 50°C
Mean daily value of ambient temperature	+ 40°C
Mean yearly value of ambient temperature	+ 30°C
Safety device	overpressure disconnection
Case material	aluminium
Expected life	80000 hours
Reference standards	IEC 831-1 - CEI EN 60831-1 IEC 831-2 - CEI EN 60831-2

Type	Un (Vac)	Qkvar (F= 50 Hz)	CN (µF)	D	H (mm)	Bolt	Terminals
MK-AS 42 - 400	400	2,1	42	60	107	M12	faston
MK-AS 66,6 - 400	400	3,3	66,6	60	141	M12	faston
MK-AS 84 - 400	400	4,2	84	60	185	M12	faston
MK-AS 15,5 - 440	440	0,9	15,5	45	107	M8	faston
MK-AS 31 - 440	440	1,9	31	60	107	M12	faston
MK-AS 38,5 - 440	440	2,3	38,5	60	107	M12	faston
MK-AS 62 - 440	440	3,8	62	60	157	M12	faston
MK-AS 66,6 - 440	440	4	66,6	60	185	M12	faston
MK-AS 77 - 440	440	4,6	77	65	157	M12	faston
MK-AS 28 - 500	500	2,1	28	60	107	M12	faston
MK-AS 31 - 500	500	2,4	31	65	107	M12	faston
MK-AS 56 - 500	500	4,3	56	60	185	M12	faston
MK-AS 62 - 500	500	4,9	62	65	157	M12	faston
MK-AS 77 - 500	500	6,04	77	65	185	M12	faston
MK-AS 33,3 - 550	550	3,2	33,3	60	157	M12	faston
MK-AS 40 - 550	550	3,8	40	60	185	M12	faston
MK-AS 42 - 550	550	3,9	42	60	185	M12	faston
MK-AS 46 - 550	550	4,4	46	65	185	M12	faston
MK-AS 50 - 550	550	4,7	50	65	185	M12	faston