

CME-NO AS

Polypropylene Capacitors for Power Electronics



PERFORMANCE DATA

■ Capacitance tolerance	-5% / +5%.
■ Rated voltage AC	250 / 300 / 400 / 500 / 550 V
■ Rated voltage DC	400 / 480 / 750 / 900 V
■ Application class	HPFLS
■ Safety device	Absent
■ Expected life	> 30.000 hours

The **CME-AS** capacitors are particularly suitable for use in **static circuits** and in all applications where components are required to withstand high current and peak current values as well as **high voltage peaks**.

TECHNICAL DATA

Dielectric	Self-healing metallised polypropylene (MKP).
Case	Aluminum.
Execution	Resina. Dry type.
Fixing and installation	Threaded bolt for ground fixing. Installation in any position.
Degree of protection	IP 00.
Test voltage	2,15 Un / 3 seconds between terminal and terminal. 2500 Vac / 3 seconds between terminal and ground.
Terminal tightening torque	M6 – 5 Nm M10 – 10 Nm
Bolts tightening torque	M8 – 8 Nm M12 – 12 Nm
Failure rate	3%
Capacity variation during life	-5% after 30.000 hours at Urms
Thermal category	25/85/21.
Temperature range	-25...+85°C.



QUALITY AND APPROVALS

Reference standards IEC 1071, VDE 560-12

CONFIGURATION

Table

250 Vac - 400 Vdc - 550 Upkr

Type	Cn μF	I _r A	I _{rms} A	I _{pkr} A(r)	dV/dt V/ms(r)	D	H mm	Bolt	Screw
CME NO-AS 50-250	50	0,98	15	20	1000	60	103	M12	M6
CME NO-AS 70-250	70	1,37	20	20	1400	60	135	M12	M6
CME NO-AS 90-250	90	1,77	20	20	1800	65	135	M12	M6
CME NO-AS 100-250	100	1,96	20	15	1500	70	135	M12	M6
CME NO-AS 150-250	150	2,94	20	10	1500	75	185	M12	M10
CME NO-AS 180-250	180	3,53	30	10	1800	85	185	M12	M10
CME NO-AS 200-250	200	3,92	30	10	2000	85	185	M12	M10
CME NO-AS 300-250	300	5,89	20	10	3000	85	135	M12	M10
CME NO-AS 300-250	300	5,89	30	10	3000	75	285	M12	M10
CME NO-AS 400-250	400	7,85	40	10	4000	85	265	M12	M10

300 Vac - 480 Vdc - 660 Upkr

Type	Cn μF	I _r A	I _{rms} A	I _{pkr} A(r)	dV/dt V/ms(r)	D	H mm	Bolt	Screw
CME NO-AS 50-300	50	1,41	15	20	1000	60	103	M12	M6
CME NO-AS 70-300	70	1,98	20	20	1400	60	135	M12	M6
CME NO-AS 90-300	90	2,54	20	20	1800	65	135	M12	M6
CME NO-AS 100-300	100	2,82	20	15	1500	70	135	M12	M6
CME NO-AS 100-300	100	2,82	25	15	1500	60	185	M12	M6
CME NO-AS 150-300	150	4,24	20	10	1500	75	185	M12	M10
CME NO-AS 180-300	180	5,09	30	10	1800	85	185	M12	M10
CME NO-AS 200-300	200	5,65	30	10	2000	85	185	M12	M10
CME NO-AS 200-300	200	5,65	30	10	2000	75	200	M12	M6
CME NO-AS 300-300	300	8,48	20	10	3000	85	135	M12	M10
CME NO-AS 300-300	300	8,48	30	10	3000	75	285	M12	M10
CME NO-AS 400-300	330	9,33	30	10	3000	85	265	M12	M10

500 Vac - 800 Vdc - 1000 Upkr

Type	Cn μF	I _r A	I _{rms} A	I _{pkr} A(r)	dV/dt V/ms(r)	D	H mm	Bolt	Screw
CME NO-AS 33,3-500	33,3	2,61	15	15	500	60	155	M12	M6
CME NO-AS 50-500	50	3,93	15	15	750	60	155	M12	M6
CME NO-AS 66,6-500	66,6	5,23	20	15	1000	70	155	M12	M6
CME NO-AS 100-500	100	7,85	20	10	1000	70	235	M12	M10
CME NO-AS 133-500	133	10,44	20	10	1330	85	235	M12	M10
CME NO-AS 150-500	150	11,78	25	10	1500	75	285	M12	M10

550 Vac - 850 Vdc - 1200 Upkr

Type	Cn μF	I _r A	I _{rms} A	I _{pkr} A(r)	dV/dt V/ms(r)	D	H mm	Bolt	Screw
CME NO-AS 33,3-550	33,3	3,16	15	10	333	60	185	M12	M6
CME NO-AS 50-550	50	4,75	15	10	500	65	185	M12	M6
CME NO-AS 66,6-550	66,6	6,33	20	10	633	75	185	M12	M6
CME NO-AS 100-550	100	9,50	20	10	1000	75	265	M12	M10
CME NO-AS 133-550	133	12,6	20	10	1330	85	235	M12	M10
CME NO-AS 150-550	150	14,25	25	10	1500	85	265	M12	M10

Other solutions are available on request.