

## CAPACITORS FOR POWER ELECTRONICS

### 9.1 E62.xxx

#### MKP- AC/DC – capacitors

According to IEC 1071 / VDE 0560 part 120/121

#### Application

- Universal use in power electronics, e.g. as commutation, supporting, smoothing, surge discharge capacitors.
- filled with liquid resin
  - integrated overpressure protection (break-action mechanism)
  - high specific ratio between capacitance and volume
  - very good self-healing characteristics
  - high AC-voltage handling capacity
  - suitable for high rms and surge currents

#### General technical data

Internal protection	overpressure mechanism
$\tan\delta_0$	$2 \times 10^{-4}$
operating temperature	-40...+85°C
storing temperature	-40...+85°C
capacitance tolerance	± 5%
service life	100,000 h at $\Theta_{\text{HOTSPOT}} \leq 70^\circ\text{C}$ (permitted failure rate 3%)

U <sub>N</sub> 700V DC - 420V AC				U <sub>rms</sub> 300V			U <sub>BB</sub> 1050V DC				weight kg	order no.
U <sub>s</sub> 1050V				U <sub>i</sub> 1000V			U <sub>BG</sub> 3000V AC					
Cn μF	Rs mW	fres kHz	Rth K/W	Imax A	İ kA	is kA	D1 mm	L1 mm	drawing			
20	2.5	145	19	16	0.5	1.5	40	58	D1	0.09	E62.E58-203D1W	
22	4.8	120	16	10	0.3	0.9	35	81	E2	0.1	E62.D81-223E2W	
24	4.4	115	16	10	0.3	0.9	35	81	E2	0.1	E62.D81-243E2W	
35	4.4	95	17.3	20	0.4	1.2	40	81	D1	0,11	E62.E81-353D1W	
50	4.4	80	15.4	20	0.6	1.7	45	81	D1	0,14	E62.F81-503D1W	
60	2.8	65	13.9	32	0.7	2.1	50	85	G1	0,18	E62.G85-603G1W	
75	2.6	64	12.6	20	0.75	2.6	55	85	D1	0,21	E62.H85-753D1W	
80	2.5	63	12.6	20	0.9	2.7	55	85	D1	0,21	E62.H85-803D1W	
90	2.4	59	11.5	20	1.0	3.0	60	85	D1	0,25	E62.K85-903D1W	
100	2.2	50	10.1	40	1.2	3.5	65	95	G1	0,3	E62.L95-104G1W	
120	1.2	39	7.5	50	1.4	4.2	75	105	C2	0,5	E62.M10-124C2W	
150	1.9	46	8.5	43	1.7	5.1	75	105	L1	0,5	E62.M10-154L1W	
170	0.9	33	6.6	50	2.0	6.0	85	105	C2	0,6	E62.N10-174C2W	
180	1.6	36	6.6	43	2.0	6.0	85	105	L1	0,6	E62.N10-184L1W	
220	0.8	29	5.9	50	2.5	7.5	95	105	C3	0,8	E62.P10-224C3W	
470	0.6	18	3.5	50	5.3	16	95	176	C3	1,3	E62.P17-474C3W	
500	0.6	18	3.3	80	5.7	17	100	176	C3	1,5	E62.Q17-504C3W	
700	0.7	17	2.9	80	8.0	20*	116	176	M1	2,0	E62.R17-704M1W	
1100	0.5	13	2.1	80	13	20*	116	245	M1	2,7	E62.R24-115M1W	
1500	0.5	11	1.8	80	15*	20*	136	245	M1	3,7	E62.S24-155M1W	
2000	0.5	8	1.4	100	15*	20*	136	320	C3	4,9	E62.S32-205C3W	

U <sub>N</sub> 840V DC - 500V AC				U <sub>rms</sub> 360V			U <sub>BB</sub> 1260V DC				weight kg	order no.
U <sub>s</sub> 1250V				U <sub>i</sub> 1000V			U <sub>BG</sub> 3000V AC					
Cn μF	Rs mW	fres kHz	Rth K/W	Imax A	İ kA	is kA	D1 mm	L1 mm	drawing			
1	18	650	37	6	0.1	0.3	25	48	E1	0.06	E62.B48-102E1W	
25	4.9	113	17.3	20	0.4	1.1	40	81	D1	0,11	E62.E81-253D1W	
33	4.9	98	15.4	20	0.5	1.4	45	81	D1	0,14	E62.F81-333D1W	
40	3.2	80	13.9	30	0.6	1.7	50	85	G1	0,18	E62.G85-403G1W	
50	4.1	80	12.6	20	0.7	2.1	55	85	D1	0,21	E62.H85-503D1W	
60	3.8	73	11.5	20	0.8	2.5	60	85	D1	0,25	E62.K85-603D1W	
75	2.3	58	10.1	40	1.0	3.0	65	95	G1	0,3	E62.L95-753G1W	
100	2.6	48	7.5	43	1.4	4.2	75	105	L1	0,5	E62.M10-104L1W	
160	1.5	38	5.9	43	2.2	6.6	95	105	L1	0,8	E62.P10-164L1W	
200	2.7	31	4.5	43	2.8	8.4	75	176	L1	0,8	E62.M17-204L1W	
300	0.6	23	2.7	80	4.1	12.0	95	176	C3	1.50	E62.P17-304C3W	
300	0.9	25	3.5	80	4.1	12	95	176	M1	1,3	E62.P17-304M1W	
350	0.8	24	3.3	80	4.8	14	100	176	M1	1,5	E62.Q17-354M1W	
500	0.8	20	2.9	80	6.9	20*	116	176	M1	2,0	E62.R17-504M1W	
620	0.7	16	1.6	100	9.0	15.0	116	245	C3	3.20	E62.R24-624C3W	
750	0.6	14	2.1	100	10	20*	116	245	C3	2,7	E62.R24-754C3W	
1000	0.6	12	1.8	100	14	20*	136	245	C3	3,7	E62.S24-105C3W	
1500	0.5	9	1.4	100	15*	20*	136	320	C3	4,9	E62.S32-155C3W	

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<b>U<sub>N</sub> 1000V DC - 640V AC</b>				<b>U<sub>rms</sub> 450V</b>			<b>U<sub>BB</sub> 1500V DC</b>				weight kg	order no.
<b>U<sub>s</sub> 1500V</b>				<b>U<sub>i</sub> 1000V</b>			<b>U<sub>BG</sub> 3000V AC</b>					
Cn μF	Rs mW	fres kHz	Rth K/W	Imax A	I kA	is kA	D1 mm	L1 mm	drawing			
5	4.9	290	26	10	0.26	0.8	30	58	E1	0.06	E62.C58-502E1W	
6.8	4	250	22	16	0.35	1	35	58	E2	0.07	E62.D58-682E2W	
10	3.1	210	19	20	0.40	1.2	40	58	D1	0.08	E62.E58-103D1W	
15	5	150	14	20	0.24	0.7	40	81	D1	0.11	E62.E81-153D1W	
18	5.6	133	14	20	0.29	0.9	40	81	D1	0.11	E62.E81-183D1W	
22	3.9	120	12	20	0.35	1.1	45	81	D1	0.14	E62.F81-223D1W	
25	3.6	113	12	20	0.4	1.2	45	81	D1	0.14	E62.F81-253D1W	
30	3.5	92	10	33	0.5	1.4	50	85	G1	0.18	E62.G85-303G1W	
40	4.2	89	10	20	0.6	1.9	55	85	D1	0.21	E62.H85-403D1W	
47	3.9	82	8.7	20	0.8	2.3	60	85	D1	0.25	E62.K85-473D1W	
50	2.6	71	7.2	40	0.8	2.4	65	95	G1	0.3	E62.L95-503G1W	
75	2.7	55	5.7	43	1.2	3.6	75	105	L1	0.5	E62.M10-753L1W	
80	1.9	54	5.0	43	1.3	3.8	85	105	L1	0.6	E62.N10-803L1W	
120	1.6	44	4.5	43	1.9	5.8	95	105	L1	0.8	E62.P10-124L1W	
200	0.8	28	2.7	80	3.5	10.5	95	176	C3	1.50	E62.P17-204C3W	
250	0.7	25	2.5	80	4.0	12	100	176	C3	1.5	E62.Q17-254C3W	
250	1.9	28	2.7	43	4.0	12	95	176	L1	1.3	E62.P17-254L1W	
350	0.6	21	2.2	80	5.6	17	116	176	C3	2.0	E62.R17-354C3W	
500	0.6	17	1.6	100	8.0	20*	116	245	C3	2.7	E62.R24-504C3W	
800	0.6	14	1.3	100	13	20*	136	245	C3	3.7	E62.S24-804C3W	
1000	0.6	12	1.0	100	15	20*	136	320	C3	4.9	E62.S32-105C3W	

<b>U<sub>N</sub> 1120V DC - 680V AC</b>				<b>U<sub>rms</sub> 480V</b>			<b>U<sub>BB</sub> 1680V DC</b>				weight kg	order no.
<b>U<sub>s</sub> 1500V</b>				<b>U<sub>i</sub> 1000V</b>			<b>U<sub>BG</sub> 3000V AC</b>					
Cn μF	Rs mW	fres kHz	Rth K/W	Imax A	I kA	is kA	D1 mm	L1 mm	drawing			
12	6.8	162	17.3	18	0.2	0.7	40	81	D1	0.11	E62.E81-123D1W	
20	5.5	126	15.4	20	0.4	1.1	45	81	D1	0.14	E62.F81-203D1W	
25	3.6	101	13.9	28	0.5	1.4	50	85	G1	0.18	E62.G85-253G1W	
30	4.5	103	12.6	20	0.5	1.6	55	85	D1	0.21	E62.H85-303D1W	
33	4.3	98	11.5	20	0.6	1.8	60	85	D1	0.25	E62.K85-333D1W	
40	2.8	80	10.1	38	0.7	2.2	65	95	G1	0.3	E62.L95-403G1W	
60	2.8	62	7.5	43	1.1	3.3	75	105	L1	0.5	E62.M10-603L1W	
68	1.9	58	6.6	43	1.2	3.7	85	105	L1	0.6	E62.N10-683L1W	
100	1.6	48	5.6	43	1.8	5.5	100	105	L1	0.9	E62.Q10-104L1W	
180	1.9	33	3.5	43	3.3	9.9	95	176	L1	1.3	E62.P17-184L1W	
200	0.7	28	3.3	80	3.7	11	100	176	C3	1.5	E62.Q17-204C3W	
280	0.6	24	2.9	80	5.1	15	116	176	C3	2.0	E62.R17-284C3W	
400	0.6	19	2.1	100	7.3	20	116	245	C3	2.7	E62.R24-404C3W	
600	0.6	16	1.8	100	11	20*	136	245	C3	3.7	E62.S24-604C3W	
800	0.6	13	1.4	100	15	20*	136	320	C3	4.9	E62.S32-804C3W	

<b>U<sub>N</sub> 1260V DC - 750V AC</b>				<b>U<sub>rms</sub> 530V</b>			<b>U<sub>BB</sub> 1890V DC</b>				weight kg	order no.
<b>U<sub>s</sub> 1900V</b>				<b>U<sub>i</sub> 1000V</b>			<b>U<sub>BG</sub> 3000V AC</b>					
Cn μF	Rs mW	fres kHz	Rth K/W	Imax A	I kA	is kA	D1 mm	L1 mm	drawing			
10	6	152	13.8	16	0.45	1.35	40	81	D1	0.16	E62.E81-103D1W	
15	7.4	124	15.4	16	0.3	0.9	45	85	B1	0.14	E62.F85-153B1W	
20	3.9	113	13.9	27	0.4	1.2	50	85	G1	0.18	E62.G85-203G1W	
24	6.0	98	12.6	16	0.5	1.5	55	85	B1	0.21	E62.H85-243B1W	
28	5.7	91	11.5	16	0.6	1.7	60	85	B1	0.25	E62.K85-283B1W	
33	2.9	88	10	37	0.7	2.0	65	95	G1	0.3	E62.L95-333G1W	
47	3.0	70	7.5	43	1.0	2.9	75	105	L1	0.5	E62.M10-473L1W	
60	1.9	62	6.6	43	1.2	3.7	85	105	L1	0.6	E62.N10-603L1W	
75	1.7	55	5.9	43	1.5	4.6	95	105	L1	0.8	E62.P10-753L1W	
150	2.0	36	3.5	43	3.1	9.3	95	176	L1	1.3	E62.P17-154L1W	
220	0.7	27	2.9	80	4.5	14	116	176	C3	2.0	E62.R17-224C3W	
330	0.6	21	2.1	100	6.8	20	116	245	C3	2.7	E62.R24-334C3W	
500	0.6	17	1.8	100	10	20*	136	245	C3	3.7	E62.S24-504C3W	
600	0.6	15	1.4	100	12	20*	136	320	C3	4.9	E62.S32-604C3W	

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<b>U<sub>N</sub> 1400V DC - 850V AC</b>				<b>U<sub>rms</sub> 600V</b>			<b>U<sub>BB</sub> 2100V DC</b>				weight kg	order no.
<b>U<sub>s</sub> 2100V</b>				<b>U<sub>i</sub> 1000V</b>			<b>U<sub>BG</sub> 3000V AC</b>					
Cn μF	Rs mW	fres kHz	Rth K/W	Imax A	İ kA	is kA	D1 mm	L1 mm	drawing			
2	7.6	460	26	10	0.18	0.5	30	58	E1 <sup>1)</sup> / E4		0.07	E62.C58-202E1W
2.2	7	440	26	10	0.2	0.6	30	58	E1 <sup>1)</sup> / E4		0.07	E62.C58-222E1W
4	10	280	18	10	0.18	0.5	30	81	E1 <sup>1)</sup> / E4		0.08	E62.C81-402E1W
12	7.9	139	12	16	0.3	0.8	45	85	B1		0.14	E62.F85-123B1W
16	4.2	126	10	30	0.4	1.1	50	85	G1		0.18	E62.G85-163G1W
25	3.2	101	7.2	40	0.6	1.7	65	95	G1		0.3	E62.L95-253G1W
33	3.3	84	5.7	38	0.8	2.3	75	105	L1		0.5	E62.M10-333L1W
47	2.1	70	5.0	43	1.1	3.2	85	105	L1		0.6	E62.N10-473L1W
60	1.8	62	4.5	43	1.4	4.1	95	105	L1		0.8	E62.P10-603L1W
120	0.8	36	2.7	80	2.7	8.2	95	176	C3		1.3	E62.P17-124C3W
130	0.8	35	2.5	80	3.0	8.9	100	176	C3		1.5	E62.Q17-134C3W
180	0.7	30	2.2	80	4.1	12	116	176	C3		2.0	E62.R17-184C3W
270	0.7	23	1.6	100	6.2	19	116	245	C3		2.7	E62.R24-274C3W
400	0.605	19	1.3	100	9.2	20*	136	245	C3		3.7	E62.S24-404C3W
500	0.6	16	1.0	100	11.4	20*	136	320	C3		4.9	E62.S32-504C3W

<sup>1)</sup> U<sub>NDC</sub> limited to 1200V

<b>U<sub>N</sub> 1680V DC - 1000V AC</b>				<b>U<sub>rms</sub> 720V</b>			<b>U<sub>BB</sub> 2520V DC</b>				weight kg	order no.
<b>U<sub>s</sub> 2500V</b>				<b>U<sub>i</sub> 1250V</b>			<b>U<sub>BG</sub> 3500V AC</b>					
Cn μF	Rs mW	fres kHz	Rth K/W	Imax A	İ kA	is kA	D1 mm	L1 mm	drawing			
1.5	5.3	530	26	10	0.3	0.9	30	58	E1 <sup>1)</sup> / E4		0.07	E62.C58-152E..W
3	6.9	320	18	10	0.35	1.05	30	81	E1 <sup>1)</sup> / E4		0.08	E62.C81-302E..W
4	5.6	280	16	10	0.45	1.35	35	81	E2 <sup>1)</sup>		0.09	E62.D81-402E2W
5	4.8	250	14	20	0.6	1.8	40	81	D1 <sup>1)</sup>		0.12	E62.E81-502D1W
6.8	3.9	220	12	20	0.8	2.4	45	81	D1 <sup>1)</sup>		0.14	E62.F81-682D1W
8	4.4	170	12	16	0.5	1.4	45	85	B1		0.14	E62.F85-802B1W
10	3.8	159	10	32	0.6	1.7	50	85	G1		0.18	E62.G85-103G1W
12	5.9	139	10	16	0.7	2.1	55	85	B1		0.21	E62.H85-123B1W
15	5.5	124	8.7	16	0.9	2.6	60	85	D1 <sup>1)</sup>		0.25	E62.K85-153D1W
16	3.6	120	7.2	40	0.95	2.9	65	95	G1		0.3	E62.L95-163G1W
18	2.7	119	7.2	40	1.0	3.1	65	95	G1		0.3	E62.L95-183G1W
20	1.7	95	5.7	50	1.2	3.5	75	105	C2		0.5	E62.M10-203C2W
28	1.3	80	5.0	50	1.6	4.9	85	105	C2		0.6	E62.N10-283C2W
33	1.1	74	4.5	50	1.9	5.7	95	105	C3		0.8	E62.P10-333C3W
68	0.8	48	2.7	80	3.9	12	95	176	C3		1.3	E62.P17-683C3W
80	0.7	44	2.5	80	4.6	14	100	176	C3		1.5	E62.Q17-803C3W
120	0.6	36	2.2	80	7.0	20	116	176	C3		2.0	E62.R17-124C3W
180	0.6	29	1.6	100	10.4	20*	116	245	C3		2.7	E62.R24-184C3W
220	0.7	25	1.2	100	14.0	20.0	116	320	C3		4.1	E62.R32-224C3W
250	0.6	24	1.3	100	14.5	20*	136	245	C3		3.7	E62.S24-254C3W
330	0.6	20	1.0	100	15*	20*	136	320	C3		4.9	E62.S32-334C3W

<sup>1)</sup> U<sub>NDC</sub> limited to 1200V

<b>U<sub>N</sub> 1200V AC</b>				<b>U<sub>rms</sub> 850V</b>			<b>U<sub>BB</sub> 2100V DC</b>				weight kg	order no.
<b>U<sub>s</sub> 2000V</b>				<b>U<sub>i</sub> 1000V</b>			<b>U<sub>BG</sub> 3000V AC</b>					
Cn μF	Rs mW	fres kHz	Rth K/W	Imax A	İ kA	is kA	D1 mm	L1 mm	drawing			
0.1	21	2050	31	8	0.10	0.3	25	58	E1		0.05	E62.B58-101E1W
0.15	14	1678	26	8	0.10	0.3	30	58	E1		0.06	E62.C58-151E1W
0.22	10	1390	26	10	0.20	0.6	30	58	E1		0.05	E62.C58-221E1W
0.33	9	1130	26	10	0.20	0.6	30	58	E1		0.05	E62.C58-331E1W
0.47	9	950	26	10	0.20	0.6	30	58	E1		0.05	E62.C58-471E1W
0.5	8.5	919	26	10	0.16	0.48	30	58	E1		0.05	E62.C58-501E1W
0.68	7.2	790	26	10	0.22	0.7	30	58	E1		0.05	E62.C58-681E1W
1	6.5	650	26	10	0.25	0.8	30	58	E1		0.05	E62.C58-102E1W
2	7.7	459	26	15	0.3	0.9	30	58	E1		0.06	E62.C58-202E1W
2.2	10	360	16	10	0.2	0.6	30	93	E1		0.08	E62.C93-222E1W
4	5	280	14	20	0.3	0.9	40	81	D1		0.12	E62.E81-402D1W
5	4.3	250	12	20	0.35	1.1	45	81	D1		0.14	E62.F81-502D1W
6.8	3.6	220	10	20	0.5	1.5	50	85	D1		0.18	E62.G85-682D1W
10	3.0	180	8.7	20	0.7	2.1	60	85	D1		0.25	E62.K85-103D1W
22	4.9	110	4.9	20	1.2	3.6	60	151	D1		0.4	E62.K15-223D1W
30	4.3	80	4.3	20	1.0	3	65	160	D2		0.6	E62.L16-303D2W

## CAPACITORS FOR POWER ELECTRONICS

<b>U<sub>N</sub> 2000V DC 1200V AC</b>				<b>U<sub>rms</sub> 850V</b>			<b>U<sub>BB</sub> 3000V DC</b>				weight kg	order no.
<b>U<sub>s</sub> 2000V</b>				<b>U<sub>i</sub> 1500V</b>			<b>U<sub>BG</sub> 4000V AC</b>					
Cn μF	Rs mW	fres kHz	Rth K/W	Imax A	İ kA	is kA	D1 mm	L1 mm	drawing			
1	6.5	650	26	10	0.25	0.8	30	58	E4	0.07	E62.C58-102E4W	
2.2	10	360	16	10	0.2	0.6	30	93	E4	0.08	E62.C93-222E4W	
6.8	3.6	190	10.5	33	0.5	1.5	50	85	G1	0.18	E62.G85-682G1W	
10	3.3	160	7.2	40	0.7	2.1	65	95	G1	0.33	E62.L95-103G1W	
15	3.8	120	6.3	40	0.8	2.4	65	109	G1	0.38	E62.L10-153G1W	
30	4.3	80	4.3	40	1.0	3	65	160	G1	0.6	E62.L16-303G1W	
40	0.8	63	3.0	80	2.7	8.1	85	176	C2	1.2	E62.N17-403C2W	
100	1.8	41	2.2	80	3.2	9.6	116	176	C4	2.1	E62.R17-104C4W	

<b>U<sub>N</sub> 2250V DC - 1350V AC</b>				<b>U<sub>rms</sub> 960V</b>			<b>U<sub>BB</sub> 3375V DC</b>				weight kg	order no.
<b>U<sub>s</sub> 3300V</b>				<b>U<sub>i</sub> 1600V</b>			<b>U<sub>BG</sub> 4200V AC</b>					
Cn μF	Rs mW	fres kHz	Rth K/W	Imax A	İ kA	is kA	D1 mm	L1 mm	drawing			
4	5.5	230	10.5	26	0.32	0.96	50	85	G1	0.18	E62.G85-402G1W	
5	5.1	225	13.9	25	0.4	1.2	50	85	G1	0.18	E62.G85-502G1W	
6.8	6.6	184	12.6	16	0.5	1.6	55	85	B1	0.21	E62.H85-682B1W	
10	2.3	135	7.5	45	0.8	2.3	75	105	C2	0.5	E62.M10-103C2W	
15	1.1	119	5.0	50	1.1	3.3	85	105	C2	0.8	E62.N10-153C2W	
16	1.6	106	6.6	50	1.2	3.7	85	105	C2	0.6	E62.N10-163C2W	
20	1.3	95	5.9	50	1.5	4.6	95	105	C3	0.8	E62.P10-203C3W	
40	0.9	63	3.5	80	3.1	9.3	95	176	C3	1.3	E62.P17-403C3W	
47	0.8	58	3.3	80	3.6	11	100	176	C3	1.5	E62.Q17-473C3W	
68	0.7	48	2.9	80	5.3	16	116	176	C3	2.0	E62.R17-683C3W	
100	0.7	39	2.1	100	7.7	20*	116	245	C3	2.7	E62.R24-104C3W	
150	0.6	32	1.8	100	11.6	20*	136	245	C3	3.7	E62.S24-154C3W	
200	0.6	26	1.4	100	15*	20*	136	320	C3	4.9	E62.S32-204C3W	

<b>U<sub>N</sub> 2800V DC - 1700V AC</b>				<b>U<sub>rms</sub> 1200V</b>			<b>U<sub>BB</sub> 4200V DC</b>				weight kg	order no.
<b>U<sub>s</sub> 4200V</b>				<b>U<sub>i</sub> 2000V</b>			<b>U<sub>BG</sub> 5000V AC</b>					
Cn μF	Rs mW	fres kHz	Rth K/W	Imax A	İ kA	is kA	D1 mm	L1 mm	drawing			
0.33	9	1130	26	10	0.2	0.6	30	58	E4	0.07	E62.C58-331E4W	
0.47	9	950	26	10	0.2	0.6	30	58	E4	0.07	E62.C58-471E4W	
1	11	560	18	10	0.2	0.6	30	81	E4	0.08	E62.C81-102E4W	
2.5	10.2	291	15	16	0.2	0.7	45	85	B2	0.14	E62.F85-252B2W	
3.3	8.8	253	14	16	0.3	1.0	50	85	B2	0.17	E62.G85-332B2W	
4.7	7.4	212	13	16	0.5	1.4	55	85	B2	0.21	E62.H85-472B2W	
6.8	2.6	163	7.5	46	0.7	2.0	75	105	C2	0.5	E62.M10-682C2W	
10	1.9	135	6.6	50	1.0	2.9	85	105	C2	0.6	E62.N10-103C2W	
12	1.6	123	5.9	50	1.2	3.5	95	105	C3	0.8	E62.P10-123C3W	
25	1.0	80	3.5	80	2.4	7.3	95	176	C3	1.3	E62.P17-253C3W	
30	0.9	73	3.3	80	2.9	8.7	100	176	C3	1.5	E62.Q17-303C3W	
40	0.8	63	2.9	80	3.9	12	116	176	C3	2.0	E62.R17-403C3W	
50	1.5	58	2.2	80	2.3	7	116	176	C4	2.1	E62.R17-503C4W	
60	0.7	50	2.1	100	5.8	17	116	245	C3	2.7	E62.R24-603C3W	
90	0.6	41	1.8	100	8.7	20*	136	245	C3	3.7	E62.S24-903C3W	
125	0.6	33	1.4	100	12.1	20*	136	320	C3	4.9	E62.S32-134C3W	

<b>U<sub>N</sub> 3400V DC - 2000V AC</b>				<b>U<sub>rms</sub> 1400V</b>			<b>U<sub>BB</sub> 5100V DC</b>				weight kg	order no.
<b>U<sub>s</sub> 4200V</b>				<b>U<sub>i</sub> 2400V</b>			<b>U<sub>BG</sub> 5800V AC</b>					
Cn μF	Rs mW	fres kHz	Rth K/W	Imax A	İ kA	is kA	D1 mm	L1 mm	drawing			
10	2.6	122	4.5	40	1.2	3.5	75	176	C2	0.8	E62.M17-103C2W	
15	2.2	100	3.5	40	1.0	3.1	95	176	C3	1.3	E62.P17-153C3W	
20	1.2	89	3.3	50	2.3	7.0	100	176	C3	1.5	E62.Q17-203C3W	
30	1.0	73	2.9	50	3.6	11	116	176	C3	2.0	E62.R17-303C3W	
40	1.2	58	1.2	80	4.6	14	116	320	C3	4.1	E62.R32-403C3W	
60	1.2	48	1.6	100	6.0	18	116	320	C3	3.5	E62.R32-603C3W	
90	1.1	38	1.4	100	9.7	20*	136	320	C3	4.9	E62.S32-903C3W	

## CAPACITORS FOR POWER ELECTRONICS

<b>U<sub>N</sub> 3600V DC - 2100V AC</b>			<b>U<sub>rms</sub> 1500V</b>				<b>U<sub>BB</sub> 5400V DC</b>					
<b>U<sub>s</sub> 5400V</b>			<b>U<sub>i</sub> 2600V</b>				<b>U<sub>BG</sub> 6200V AC</b>					
Cn μF	Rs mW	fres kHz	Rth K/W	Imax A	İ kA	is kA	D1 mm	L1 mm	drawing	weight kg	order no.	
0.1	21	2050	26	9	0.10	0.3	30	58	E4	0.07	E62.C58-101E4W	
0.22	10	1390	26	10	0.20	0.6	30	58	E4	0.07	E62.C58-221E4W	
0.47	6.7	730	16	16	0.40	1.2	45	62	B2	0.10	E62.F62-471B2W	
0.68	5.6	610	14	16	0.5	1.5	50	62	B2	0.13	E62.G62-681B2W	
1	8.5	460	9.4	16	0.8	2.4	45	105	B2	0.18	E62.F10-102B2W	
1.5	5.4	380	7.7	16	1.2	3.6	55	105	B2	0.26	E62.H10-152B2W	
22	1.7	90	2.2	50	1.2	3.5	116	176	CR	2.0	E62.R17-223CRW	
33	1.1	72	1.9	80	3.3	9.9	116	205	C3	2.4	E62.R20-333C3W	
40	0.8	60	1.2	100	5.4	16	116	320	CR	3.5	E62.R32-403CRW	

<b>U<sub>N</sub> 4000V DC - 2400V AC</b>			<b>U<sub>rms</sub> 1700V</b>				<b>U<sub>BB</sub> 6000V DC</b>					
<b>U<sub>s</sub> 6000V</b>			<b>U<sub>i</sub> 2900V</b>				<b>U<sub>BG</sub> 6800V AC</b>					
Cn μF	Rs mW	fres kHz	Rth K/W	Imax A	İ kA	is kA	D1 mm	L1 mm	drawing	weight kg	order no.	
2	5.6	325	8.5	16	0.5	1.5	50	105	B2	0.24	E62.G10-202B2W	
4	9	183	5.3	16	0.6	1.8	55	151	B2	0.4	E62.H15-402B2W	
6.8	2.4	153	4.5	40	0.9	2.8	75	176	C2	0.8	E62.M17-682C2W	
10	1.8	122	3.0	40	1.4	4.2	85	176	C2	1.0	E62.N17-103C2W	
22	1.1	90	2.9	50	3.0	9.0	116	176	CR	2.0	E62.R17-223CRW	

<b>U<sub>N</sub> 5000V DC - 4000V AC</b>			<b>U<sub>rms</sub> 2800V</b>				<b>U<sub>BB</sub> 7500V DC</b>					
<b>U<sub>s</sub> 7500V</b>			<b>U<sub>i</sub> 3600V</b>				<b>U<sub>BG</sub> 8200V AC</b>					
Cn μF	Rs mW	fres kHz	Rth K/W	Imax A	İ kA	is kA	D1 mm	L1 mm	drawing	weight kg	order no.	
0.1	5.7	1590	12.2	16	0.40	1.2	45	81	B2	0.14	E62.F81-101B2W	
0.47	9.1	670	9.4	16	0.37	1.1	45	105	B2	0.18	E62.F10-471B2W	
0.68	7.4	560	7.7	16	0.50	1.5	55	105	B2	0.26	E62.H10-681B2W	
1	3.0	410	5.0	40	0.8	2.4	75	120	C2	0.6	E62.M12-102C2W	
2.2	1.6	280	3.9	40	1.7	5	95	120	CR	0.9	E62.P12-222CRW	
4.7	1.0	180	2.2	40	3.7	11	95	210	CR	1.6	E62.P21-472CRW	
10	2.6	120	1.4	50	6.0	18	116	280	CR	3.1	E62.R28-103CRW	