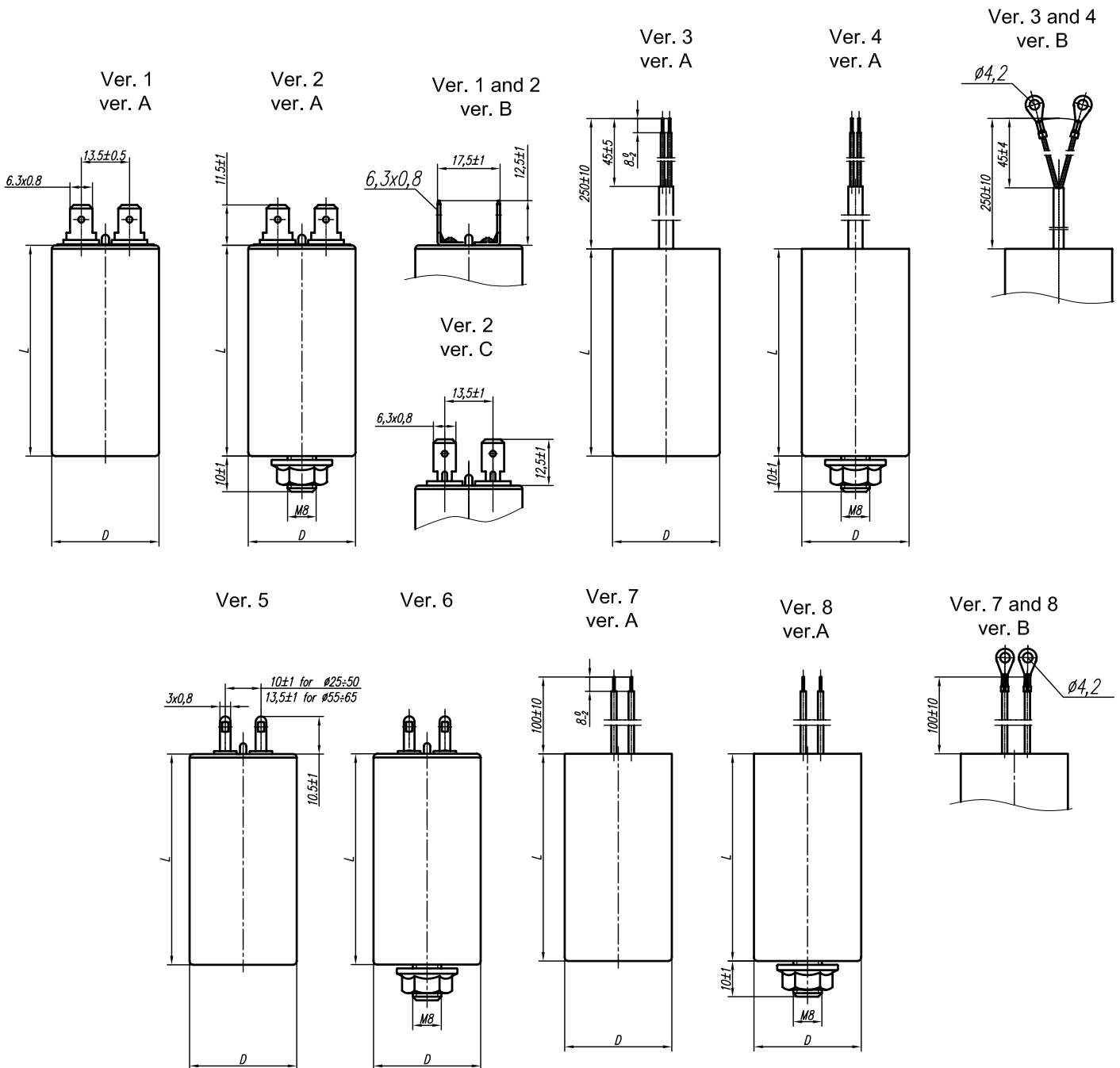


AC METALLIZED POLYPROPYLENE FILM CAPACITORS FOR MOTOR APPLICATIONS IN PLASTIC CASE



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- Version 1 and 2 - capacitor with fast-on terminals 6,3x0,8 in versions A,B,C according to PN-EN 61210.
Version 3 and 4 - capacitor with two-core cable lead in versions A,B.
Version 5 and 6 - capacitor with soldering terminals 3x0,8
Version 7 and 8 - capacitor with two single-core cable leads in versions A i B.

NOTE:

1. Misalignment of terminals in relation to the capacitor axis may occur in versions 3; 4; 7; 8.
2. Other lengths of leads are available upon prior agreement.

APPLICATION:

The MKSP-I17 capacitors are intended for use in a.c. circuits with the frequency of 50Hz. They are mainly used in single-phase electric motors as running capacitors. The capacitors have plastic case.

The MKSP-I17 capacitors can be used with a d.c. voltage not exceeding the following value: $V_{dc} = \sqrt{2} * U_n$

Application class (acc. to EN 60252-1 and VDE 0560 part 8):

- for 400V~ B
- for 450V~ C
- for 500V~ D

- B - expected life 10 000 h
- C - expected life 3 000 h
- D - expected life 1 000 h

TECHNICAL DATA:

- | | |
|-------------------------------------|---|
| - Tolerance,dimensions capacitance: | - acc.to drawing and table, |
| - Climatic category: | - 40/085/21, |
| - Dissipation factor: | - ≤ 0.003 at $f = 50\text{Hz}$, |
| - Dielectric strength | |
| between terminals: | - $2U_R / 50\text{Hz} - 60\text{s}$, |
| between terminals and case: | - $2000\text{V} / 50\text{Hz} - 60\text{s}$, |
| - Case: | - plastic, |
| - Safety class: | - S0, |
| - Standards: | - EN 60252-1, VDE 0560 part 8. |

This product fulfills the requirements of the RoHS Directive (2011/65/UE).



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Rated capacitance C_N	Capacitance tolerance	Rater voltage, class	Dimensions												
			Ver.1A,2A		Ver.1B,2B		Ver. 2C		Ver.5, 6		Ver.3A i 3B, 7A i 7B		Ver. 4A i 4B, 8A i 8B		
			D ⁺¹	L ⁺³ ₋₂	D ⁺¹	L ⁺³ ₋₂	D ⁺¹	L ⁺³ ₋₂	D ⁺¹	L ⁺³ ₋₂	D ⁺¹	L ⁺³ ₋₂	D ⁺¹	L ⁺³ ₋₂	
μF	%	V~	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm		
1	±5% ±10%	400V~B 450V~C 500V~D	25	58	25	58	-	-	25	58	25	51	25	58	
1,5			-	-	-	-	-	-	-	-	24	36	-	-	
1,5			25	58	25	58	-	-	25	58	25	51	25	53	
2			-	-	-	-	-	-	-	-	-	24	36	-	-
2			25	58	25	58	-	-	25	58	25	51	25	53	
2,5			-	-	-	-	-	-	-	-	-	24	42	-	-
2,5			25	58	25	58	-	-	25	58	25	51	25	53	
3			-	-	-	-	-	-	-	-	-	24	42	-	-
3			25	58	25	58	-	-	25	58	25	51	25	53	
3,5			-	-	-	-	-	-	-	-			-	-	-
4			-	-	-	-	-	-	-	-	-	-	-	-	-
4			25	58	25	58	-	-	25	58	-	-	25	53	
5			-	-	-	-	-	-	-	-	-	-	-	-	-
5			30	58	30	58	-	-	30	58	28	51	30	53	
6			-	-	-	-	-	-	-	-			-	-	-
6			30	58	30	58	-	-	30	58	30	65	30	65	
7			-	-	-	-	-	-	-	-			-	-	-
7,5			-	-	-	-	-	-	-	-	-	-	-	-	-
8			30	73	30	73	-	-	30	73	-	-	30	65	65
8			-	-	-	-	-	-	-	-	-	-	56	-	-
8			30	73	30	73	-	-	30	73	-	-	65	30	65
8			-	-	-	-	-	-	-	-	35	55	35	55	
9			30	73	30	73	-	-	30	73	30	65	30	65	
10			-	-	-	-	-	-	-	-	35	55	35	55	
10			30	73	30	73	-	-	30	73	30	65	30	65	
10			-	-	-	-	-	-	-	-	-	-	-	-	-
12			35	65	35	65	-	-	35	65	35	65	35	65	
14			-	-	-	-	-	-	-	-			-	-	-
16			-	-	-	-	-	-	-	-	-	-	-	-	-
18			-	83	-	83	-	-	-	83	-	-	78	-	78
18			-	-	-	-	-	-	-	-	40	65	40	65	
20			35	83	35	83	-	-	35	83	35	78	35	78	
20			-	-	-	-	-	-	-	-	40	65	40	65	
22			-	-	-	-	-	-	-	-	-	-	-	-	-
25			40	83	40	83	-	-	40	83	40	78	40	78	
30			-	-	-	-	-	-	-	-	-	-	-	-	-
30			-	-	-	-	-	-	-	-	-	-	67	-	67
32			-	-	-	-	-	-	-	-	-	-	-	-	-
35			45	83	45	83	-	-	45	83	45	78	45	78	
40			-	-	-	-	-	-	-	-			-	-	-
45	50	-	50	-	-	-	50	-	50	-	50	-	50		
50	45	-	45	-	-	-	45	-	45	-	45	-	45		
60	-	-	-	-	-	-	-	-	-	-	-	-	-		
70	50	119	50	119	-	-	50	119	50	119	50	119			
75	-	-	-	-	-	-	-	-			-	-	-	-	
80	-	-	-	-	-	-	-	-	-	-	-	-	-		
90	-	-	-	-	55	119	55	-	-	-	55	-	-		
100	-	-	-	-	-	-	-	-	-	-	-	-	-		



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			D ⁺¹	L ⁺³ ₋₂	D ⁺¹	L ⁺³ ₋₂	D ⁺¹	L ⁺³ ₋₂	D ⁺¹	L ⁺³ ₋₂	D ⁺¹	L ⁺³ ₋₂	D ⁺¹	L ⁺³ ₋₂
μF	%	V~	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	
110	±5% ±10%	400V~B 450V~C 500V~D	-	-	-	-	60	119	60	119	-	-	60	119
120			-	-	-	-	65		65		-	-	65	
130			-	-	-	-	-	-	-	-	-	-		
140			-	-	-	-	-	-	-	-	-	-		
150			-	-	-	-	-	-	-	-	-	-		

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