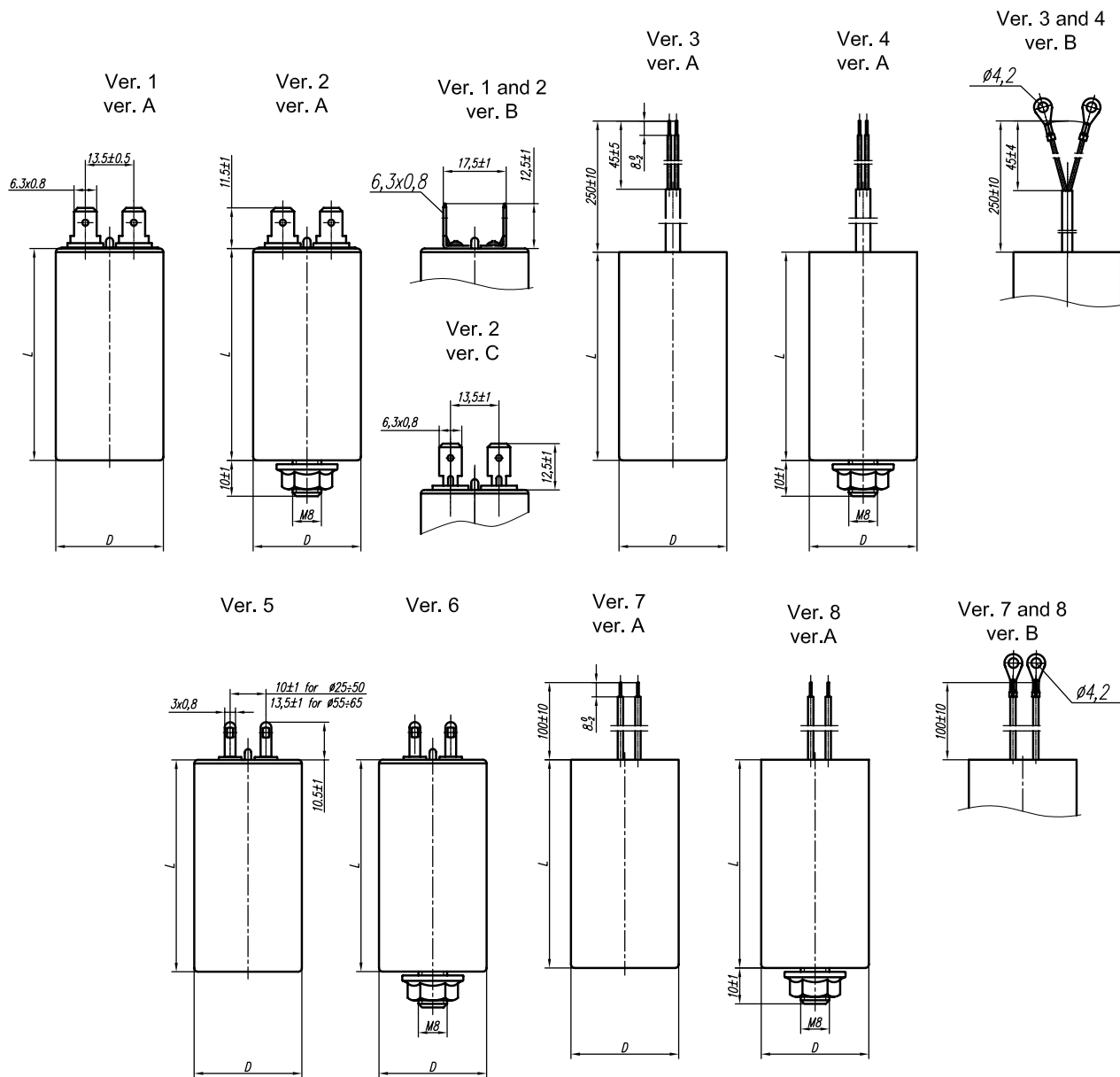


## AC METALLIZED POLYPROPYLENE FILM CAPACITORS FOR MOTOR APPLICATIONS IN PLASTIC CASE



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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 according to PN-91/E-90103.  
Version 5 and 6 - capacitor with soldering terminals 3x0,8  
Version 7 and 8 - capacitor with two single-core cable leads.

### 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 godzin

C - expected life 3 000 godzin

D - expected life 1 000 godzin

### TECHNICAL DATA:

- |                                      |   |
|--------------------------------------|---|
| - Tolerance, dimensions capacitance: | - acc. to drawing and table,                  |
| - Climatic category:                 | - 40/085/21,                                  |
| - Dissipation factor:                | - $\leq 0.003$ 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 <sub>N</sub>	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 <sup>+1</sup>	L <sup>+3</sup> <sub>-2</sub>	D <sup>+1</sup>	L <sup>+3</sup> <sub>-2</sub>	D <sup>+1</sup>	L <sup>+3</sup> <sub>-2</sub>	D <sup>+1</sup>	L <sup>+3</sup> <sub>-2</sub>	D <sup>+1</sup>	L <sup>+3</sup> <sub>-2</sub>	D <sup>+1</sup>	L <sup>+3</sup> <sub>-2</sub>					
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				73		73	-	-		73									
7,5			-	-	-	-	-	-	-	-			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			35	65	35	65	-	-	35	65	-	-	-	-					
12							-	-			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			40	83	40	83	-	-	40	83	40	78	40	78					
25							-	-											
30							-	-											
30			-	-	-	-	-	-	-	-	45	67	45	67					
32			45	83	45	83	-	-	45	83		45		78	45	78			
35							-	-											
40							-	-											
45							-	-											
50			50	119	50	119	-	-	50	119	50	119	50	119					
50			45		45		-	-	45		45		45						
60							-	-											
70			50		50		-	-	50		50		50						
75							-	-											
80			-	-	-	-	-	-	-	-	-	-	-	-					
90			-	-	-	-	55	119	55	-	-	-	55	-					
100			-	-	-	-	-	-	-	-	-	-	-	-					



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Rated capacitance C <sub>N</sub>	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 <sup>+1</sup>	L <sup>+3</sup> <sub>-2</sub>	D <sup>+1</sup>	L <sup>+3</sup> <sub>-2</sub>	D <sup>+1</sup>	L <sup>+3</sup> <sub>-2</sub>	D <sup>+1</sup>	L <sup>+3</sup> <sub>-2</sub>	D <sup>+1</sup>	L <sup>+3</sup> <sub>-2</sub>	D <sup>+1</sup>	L <sup>+3</sup> <sub>-2</sub>	
μF	%	V~	mm	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			-	-	-	-	-		-						
125			-	-	-	-	65		65		119	-	-		65
130			-	-	-	-						-	-		
140			-	-	-	-						-	-		
150			-	-	-	-						-	-		

