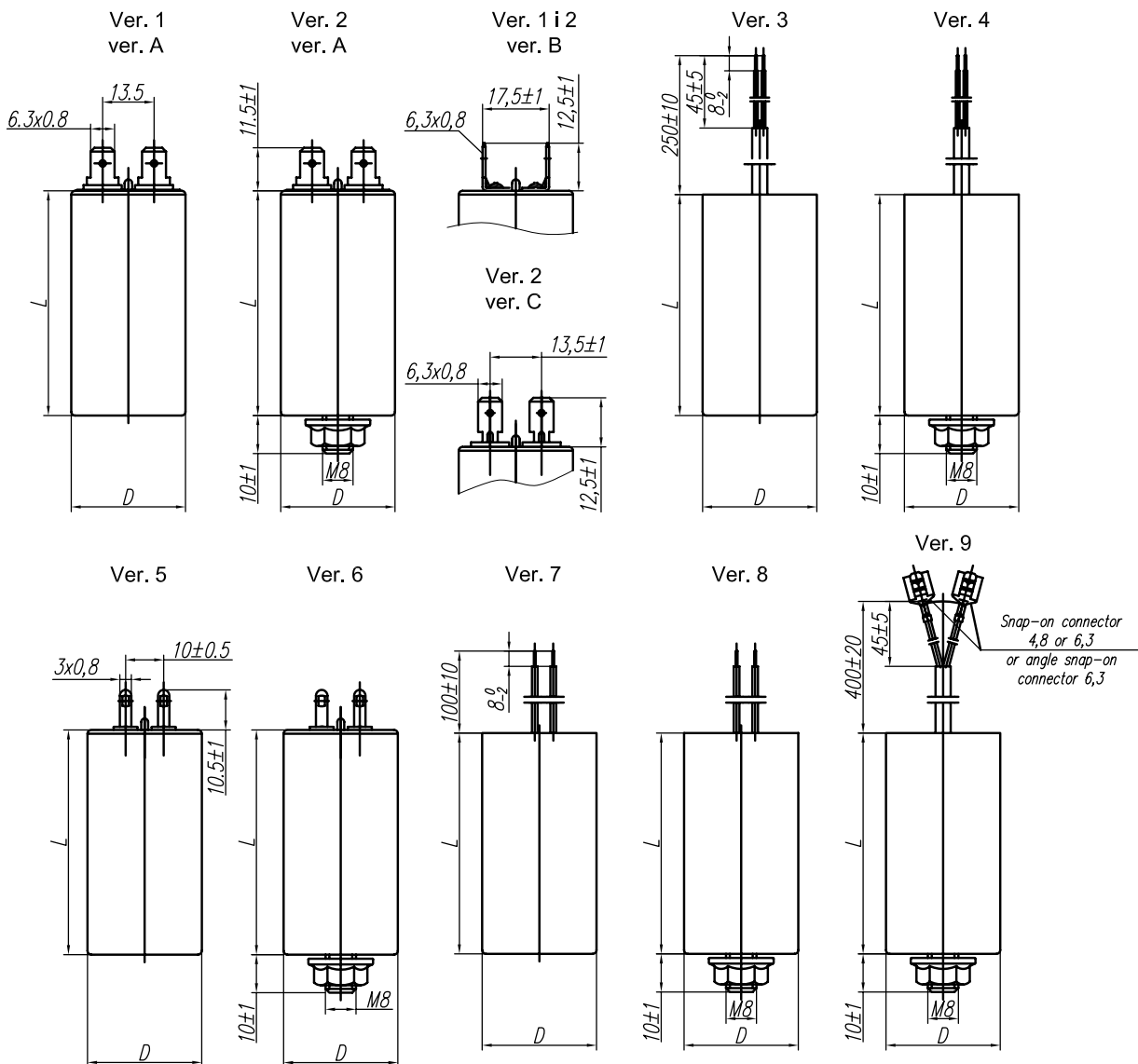


AC METALLIZED POLYPROPYLENE FILM CAPACITORS FOR MOTOR APPLICATIONS



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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.
Version 9 - 2; 2,5; 3; 4; 5 μ F capacitors with $\pm 10\%$ tolerance and H05V2V2-F 300/500V 2x0,75mm² black insulated leads with VDE certificate with 4,8-075U T85 or 6,3-075U T85 snap-on connector or angle snap-on connector FH 6,3x0,8-Ms (upon prior agreement).

NOTE:

1. Misalignment of terminals in relation to the capacitor axis may occur in versions 3; 4; 7; 8 and 9; other lengths of leads are available upon prior agreement.

APPLICATION:

The MKSP-5P 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 V2 plastic case acc.to UL 94.

The MKSP-5P 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): art 8):

B - expected life 10000h (HSFNT*)

C - expected life 3000h (HSFPU*)

D - expected life 1000h (HSFQV*)

* - previous symbols

TECHNICAL DATA:

- | | |
|-----------------------------|---------------------------------------|
| - Climatic category: | - 25/070/21, |
| - Dissipation factor: | - ≤ 0.003 at $f = 50\text{Hz}$, |
| - Dielectric strength | |
| between terminals: | - 2UR / 50Hz- 60s, |
| between terminals and case: | - 2000V / 50Hz - 60s, |
| - Torque: | - min. 4nm, |
| - Standards: | - EN 60252-1 |
| - Specifications: | - WT-96/MIFLEX/MKSP-5P, |

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

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FOR MOTOR APPLICATIONS

Rated capacitance C _N	Capacitance tolerance	Rated voltage, class	Dimensions												voltage and class	
			Ver. 1A, 2A, 5, 6		Ver. 1B, 2B		Ver. 2C		Ver. 3, 7		Ver. 4, 8		Ver. 9			
			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	mm		
0,68	±10%	450V~B 500V~D	-	-	-	-	-	-	20	42	-	-	-	-	-	
1	±5% or ±10%		25	58	25	58	-	-	25	51	25	58	-	-	-	
1,5							-	-					-	-	-	
2							-	-					-	-	-	
2,5							-	-					-	-	-	
3							-	-					-	-	-	
3,5							-	-					-	-	-	
4							-	-					-	-	-	
4			-	-	-	-	-	-	-	30	58	-	-			
5			30	73	30	73	-	-	28	51	30	78	30	83		
6							-	-	-	53			-	-		
7							-	-	-	-			-	-		
7,5							-	-	-	-			-	-		
8			35	83	35	83	-	-	35	65	35	65	-	-	450V~ C 500V~ D	
9			-	-	-	-	-	-	35	55	35	55				
			-	-	-	-	-	-	30	78	30	78				
			35	83	35	83	-	-	35	65	35	65				
			-	-	-	-	-	-	30	78	30	78				
			-	-	-	-	-	-	40	55	40	55				
			12	35	83	35	83	-	-	35	65	35				65
83	83				-		-	78	78							
-	-				-		-	65	65							
14	83		83	-	-	78	78									
14	-		-	-	-	-	-	-	-	40	70					
16	±10%		35	83	35	83	-	-	35	78	35	78				
16	±5% or ±10%	40	83	40	83	-	-	40	78	40	78	-	-	-		
18						-	-									
20						-	-									
22						-	-									
25						45	83								45	83
30	-	-														
30	±10%	450V~ B 500V~ D	50	50	-	-	50	50								
32	50		50		-	-	50	50								
35	50		50		-	-	50	50								
40	45		119	45	119	-	-	45	114	45	114					
45						-	-								-	-
50						-	-								-	-
60						-	-								-	-
70	-		-	-	-	55	119	-	-	55	119					
75	-		-	-	-	60		-	-	60						
80	-		-	-	-			-	-	65						
90	-		-	-	-	65		-	-	-						
100	-		-	-	-			-	-	-						

