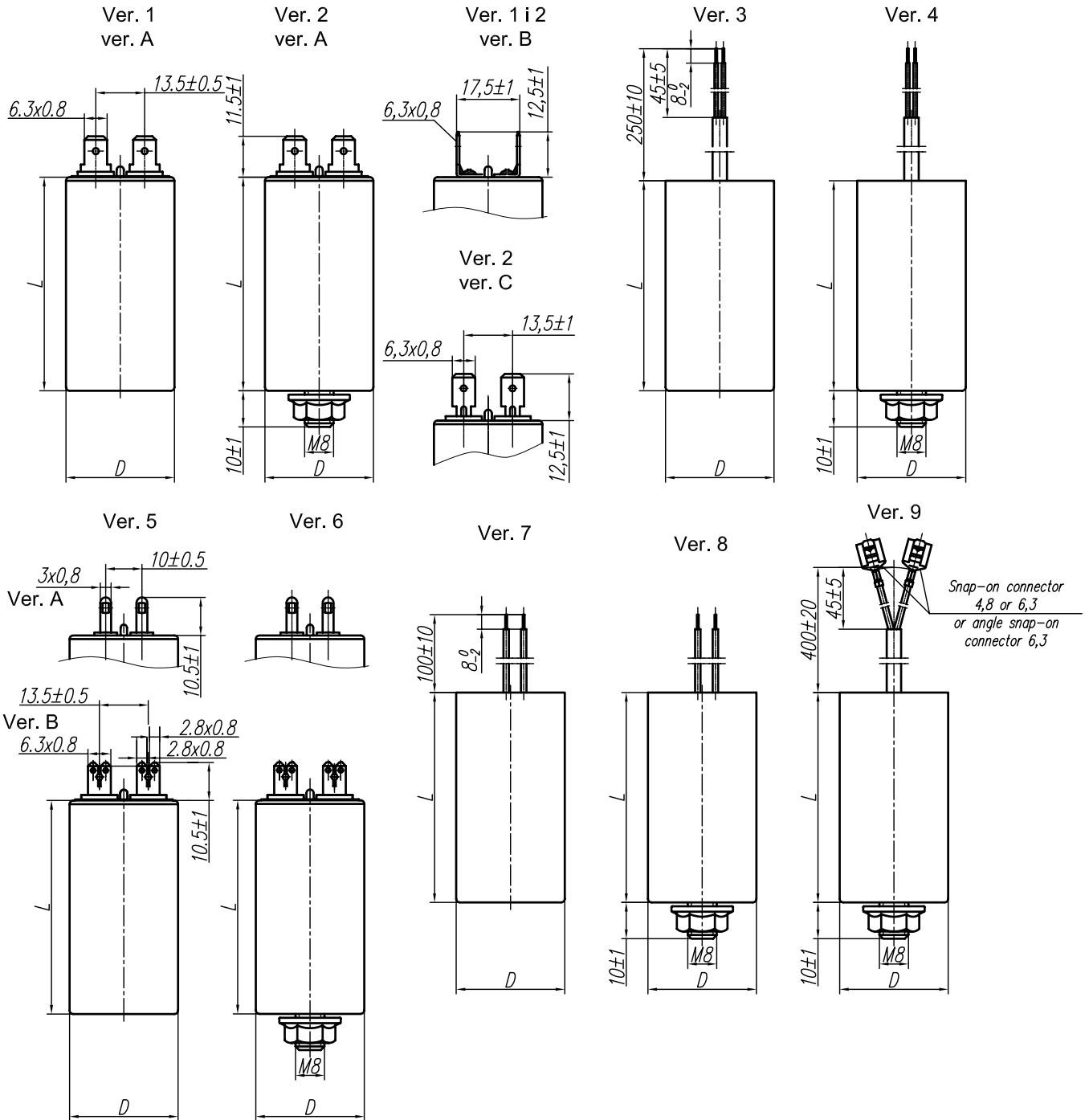


AC METALLIZED POLYPROPYLENE FILM CAPACITORS FOR MOTOR APPLICATIONS



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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 versions:
A - with soldering terminals 3x0,8
B - with tabs 2x 2,8x0,8 (6,3x0,8)
- Version 7 and 8 - capacitor with two single-core cable leads.
Version 9 - 2; 2,5; 3; 4; 5µF capacitors with ±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 plastic case.

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 60252-1 and VDE 0560 part 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 = 50Hz, |
| - Dielectric strength | |
| between terminals: | - 2UR / 50Hz- 60s, |
| between terminals and case: | - 2000V / 50Hz - 60s, |
| - Standards: | - EN 60252-1, VDE 0560 part 8 |
| - Specifications: | - WT-96/MIFLEX/MKSP-5P, |
| - Approval mark: | - VDE. |

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



AC METALLIZED POLYPROPYLENE FILM CAPACITORS FOR MOTOR APPLICATIONS

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



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Revision date
19.02.2019

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