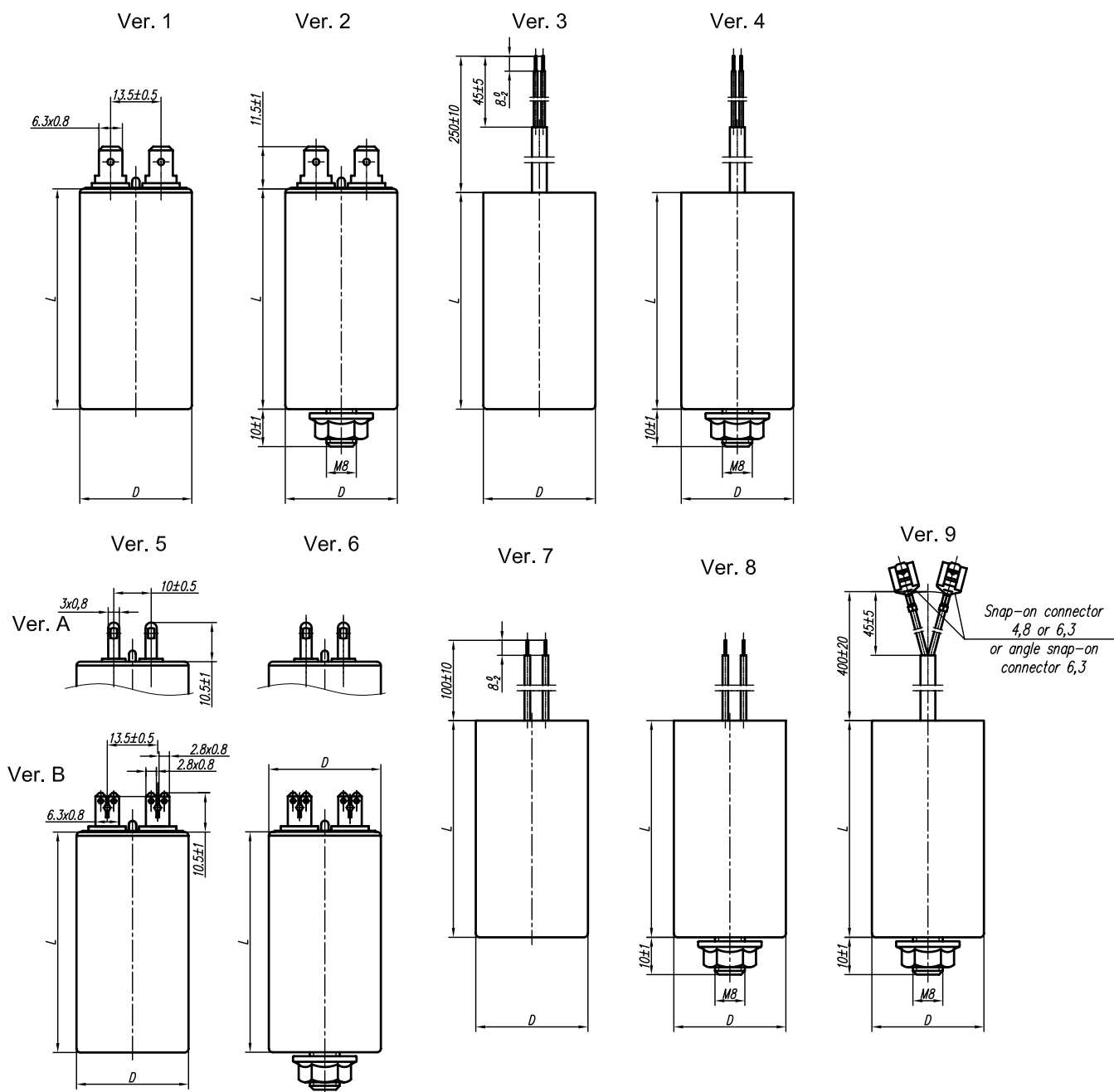


AC METALLIZED POLYPROPYLENE FILM CAPACITORS FOR MOTOR APPLICATIONS



- Version 1 and 2 - capacitor with fast-on terminals 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 $\pm 10\%$ 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 is 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: $V_{dc} = \sqrt{2} \cdot U_n$



MIFLEX S.A.

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Revision date
25.06.2008

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AC METALLIZED POLYPROPYLENE FILM CAPACITORS FOR MOTOR APPLICATIONS

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 $f = 50\text{Hz}$,

- Dielectric strength

between terminals:

- 2UR - 60s,

between terminals and case:

- min. 2000V / 50Hz - 60s,

- Standards:

- EN 60252-1, VDE 0560 part 8

- Specifications:

- WT-96/MIFLEX/MKSP-5P,

- Approval mark:

- VDE.

This product fulfils the requirements of the RoHS Directive (2002/95/EC).

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



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