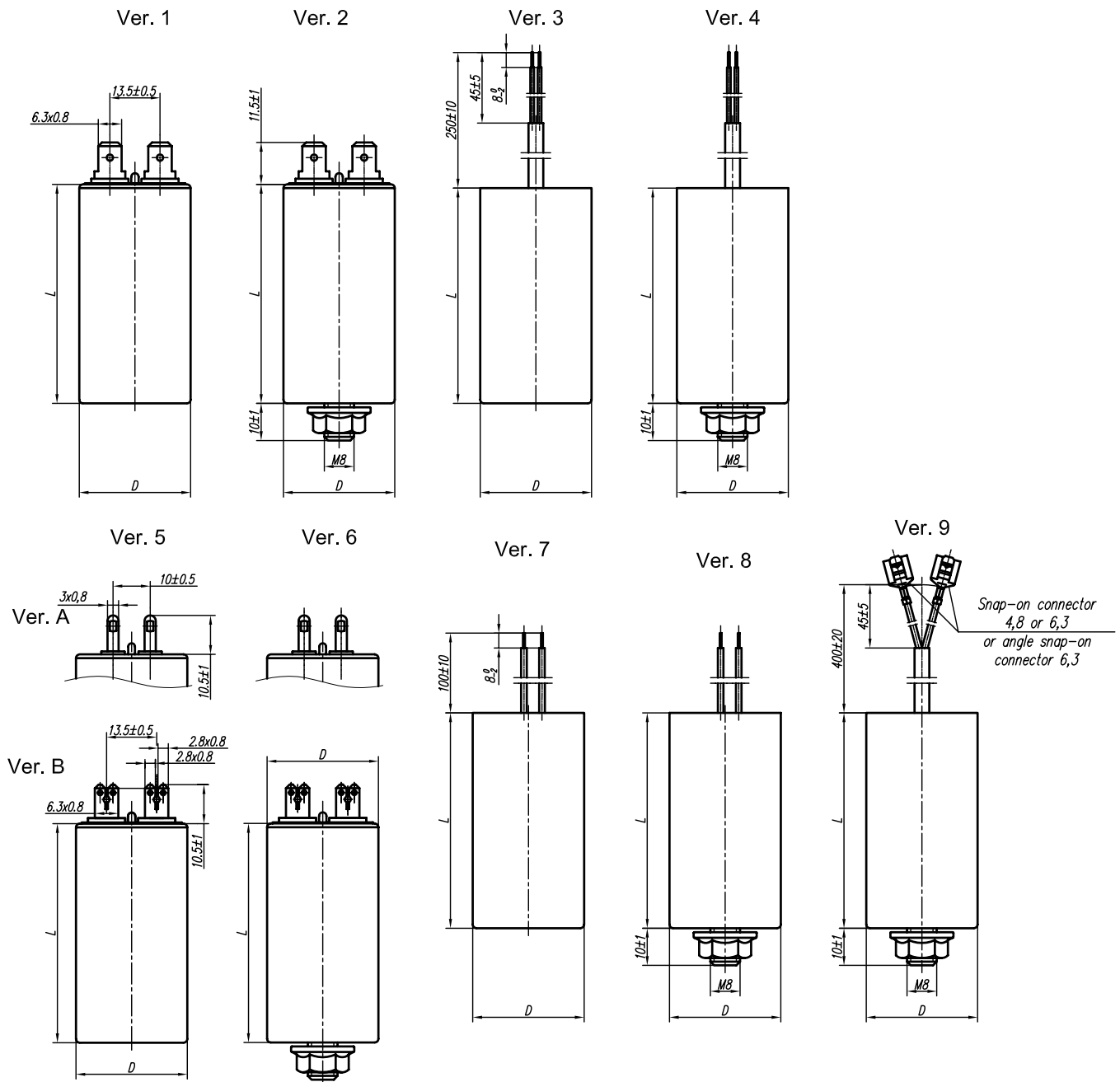


AC METALLIZED POLYPROPYLENE FILM CAPACITORS FOR MOTOR APPLICATIONS



- 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 $3 \times 0,8$
 B - with tabs $2 \times 2,8 \times 0,8$ ($6,3 \times 0,8$)
 Version 7 and 8 - capacitor with two single-core cable leads.
 Version 9 - 2; 2,5; 3; 4; $5 \mu\text{F}$ capacitors with $\pm 10\%$ tolerance and H05V2V2-F 300/500V $2 \times 0,75 \text{mm}^2$ 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 $6,3 \times 0,8$ -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: $V_{dc} = \sqrt{2} * U_n$

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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_{-2}^{+3}	D^{+1}	L_{-2}^{+3}	D^{+1}	L_{-2}^{+3}	D^{+1}	L_{-2}^{+3}			
μF	%	V~	mm	mm	mm	mm	mm	mm	mm	mm			
2	±5 ±10	450V~ B	25	58	25	51	25	53	25	58	450V~ C VDE 500V~ D VDE		
2,5													
3					28	51	30	78				30	78
4													
5			30	83	30	78	30	78					
6													
7			35	65	35	65	35	65					
7,5													
8			-	-	35	55	35	55					
9													
10			30	83	30	78	30	78					
									10				
12			-	-	40	55	40	55					
									12				
14		65	35	65	35	65	65						
								14					
16		83	-	-	78	-	78						
								16					
18		65	-	-	65	-	65						
								18					
20		83	35	78	35	78	78						
								20					
22		65	-	-	65	-	65						
								22					
25		40	-	-	40	-	40						
								25					
30		83	40	78	40	78	78						
								30					
32	45	-	-	45	-	45							
							32						
35	50	-	-	50	-	50							
							35						
40	45	450V~ B	45	45	45	-							
							40						
45	50	-	-	50	-	50							
							45						
50	45	-	-	45	-	45							
							50						
30	500V~ D	-	119	114	-	114							
							30						
32	50	-	-	50	-	50							
							32						
35	-	-	-	-	-	-							
							35						
40	-	-	-	-	-	-							
40													