



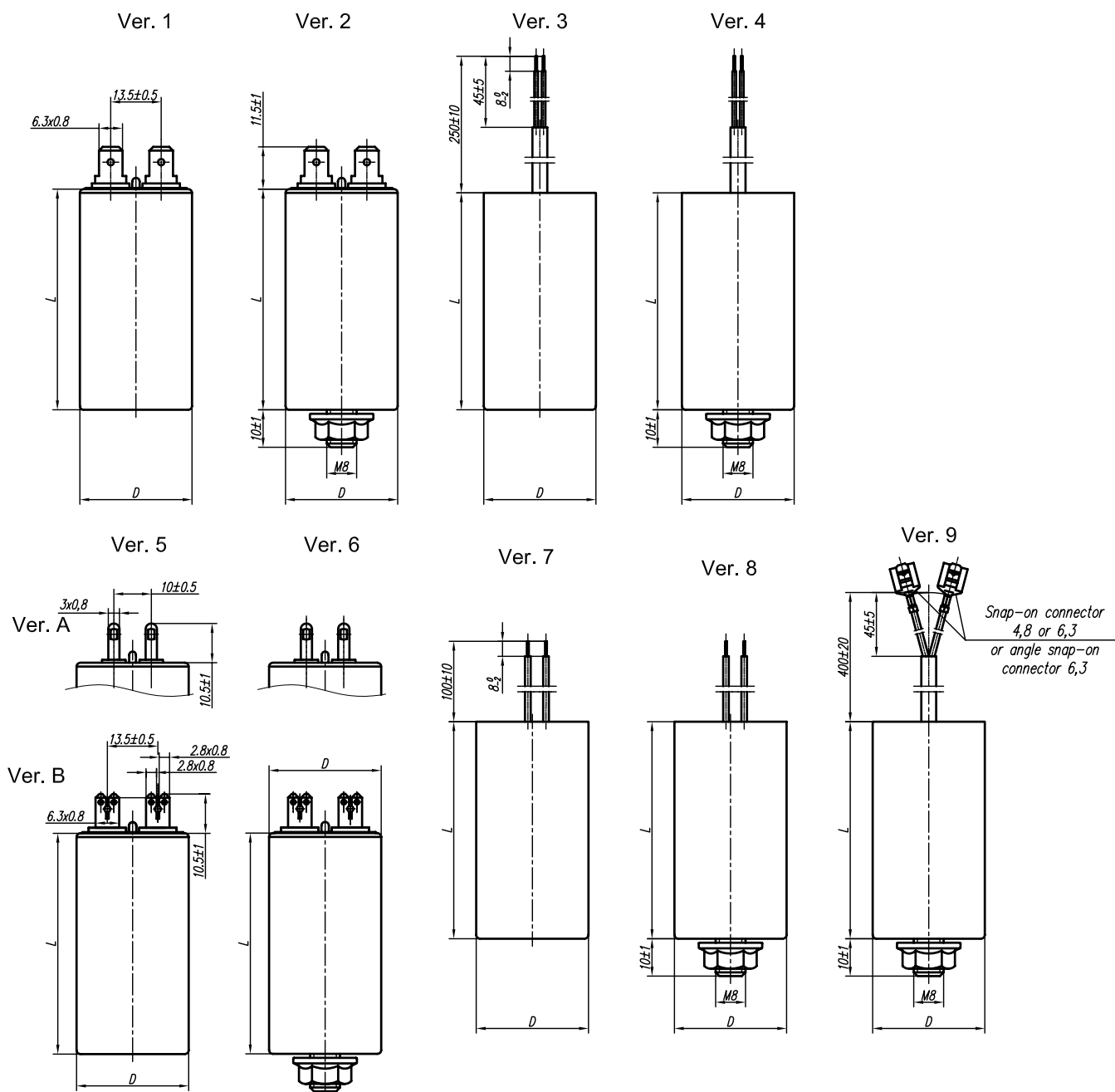
HESTORE.HU

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EN: This Datasheet is presented by the manufacturer.

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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: $V_{dc} = \sqrt{2} * U_n$

 **MIFLEX S.A.**

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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_{-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 500V~ D | 25 | 58 | 25 | 51 | 25 | 53 | 25 | 58 | 450V~ C VDE 500V~ D VDE | | |
| 2,5 | | | | | | | | | | | | | |
| 3 | | | | | 28 | 51 | 30 | 78 | | | | 30 | 83 |
| 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 | 78 | | | | | |
| | | | | | | | | | 14 | | | | |
| 16 | | | 83 | - | 78 | - | 78 | - | | | | | |
| | | | | | | | | | 16 | | | | |
| 18 | | | 65 | - | 65 | - | 65 | - | | | | | |
| | | | | | | | | | 18 | | | | |
| 20 | | | 83 | 35 | 78 | 35 | 78 | - | | | | | |
| | | | | | | | | | 20 | | | | |
| 22 | | | 65 | - | 65 | - | 65 | - | | | | | |
| | | | | | | | | | 22 | | | | |
| 25 | | | 40 | - | 40 | - | 40 | - | | | | | |
| | | | | | | | | | 25 | | | | |
| 30 | | | 83 | - | 78 | - | 78 | - | | | | | |
| | | | | | | | | | 30 | | | | |
| 32 | 45 | - | 45 | - | 45 | - | | | | | | | |
| | | | | | | | 32 | | | | | | |
| 35 | 50 | - | 50 | - | 50 | - | | | | | | | |
| | | | | | | | 35 | | | | | | |
| 40 | 45 | - | 45 | - | 45 | - | | | | | | | |
| | | | | | | | 40 | | | | | | |
| 50 | 30 | - | 119 | - | 114 | - | | | | | | | |
| | | | | | | | 50 | | | | | | |
| 32 | 50 | - | 50 | - | 50 | - | | | | | | | |
| | | | | | | | 32 | | | | | | |
| 35 | 50 | - | 50 | - | 50 | - | | | | | | | |
| | | | | | | | 35 | | | | | | |
| 40 | 50 | - | 50 | - | 50 | - | | | | | | | |
| 40 | | | | | | | | | | | | | |



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