

SAFE INSTALLATION and SERVICE of Capacitors

ZEZ SILKO manufactures and supplies a wide range of PP film capacitors

LV PFC capacitors



MV capacitors



Power Electronics Capacitors



Induction heating caps



Energy storage caps



Reactors

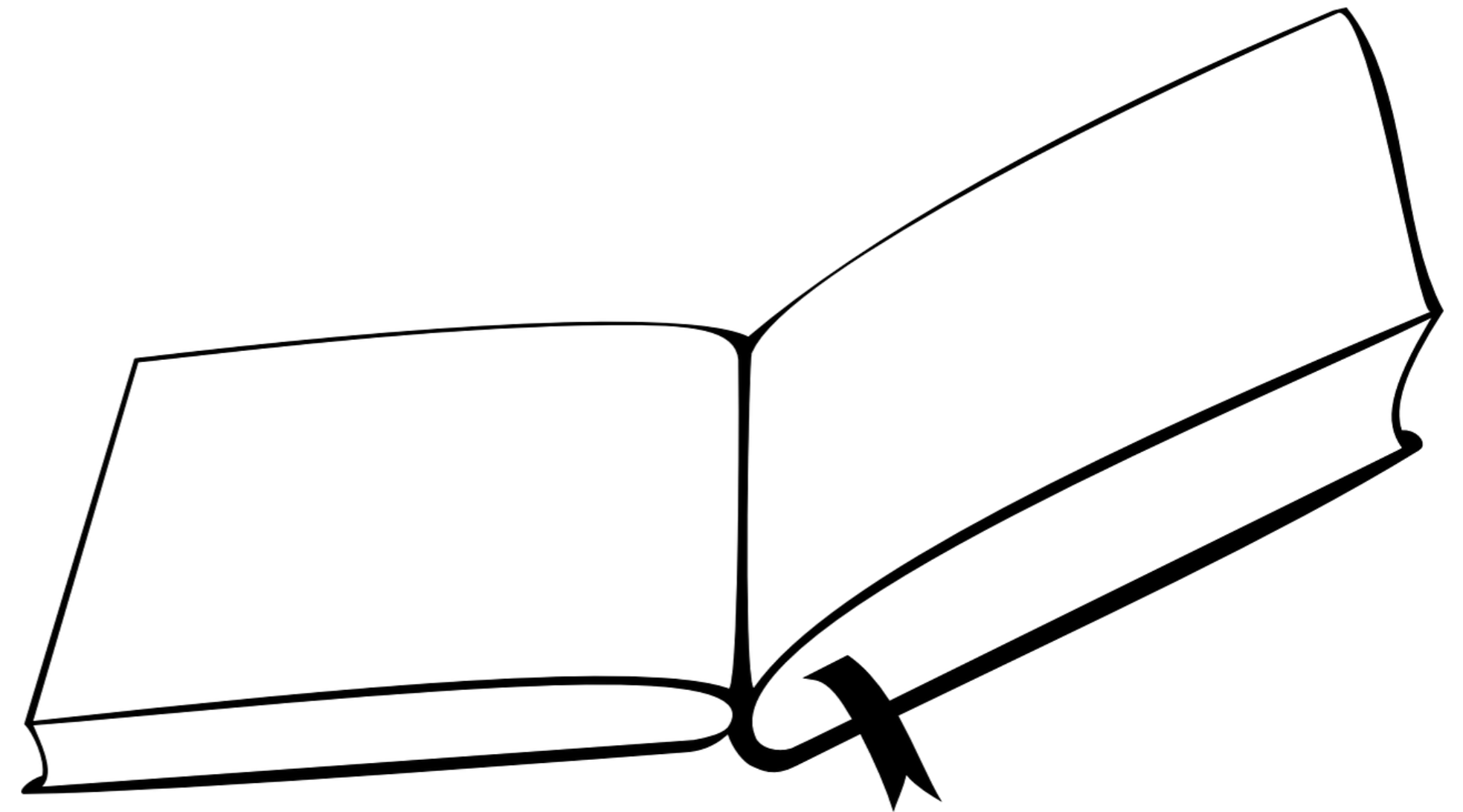


Capacitor banks



CONTENTS

- ✓ PFC capacitors – LV
- ✓ PFC capacitors - MV
- ✓ PEC capacitors
- ✓ Induction heating capacitors



PFC capacitors – low voltage

- ✓ 40 mm free space above a capacitor
- ✓ Only flexible cables
- ✓ 20 mm between capacitors
- ✓ Max torques 1,2-4 Nm acc. to terminal type
- ✓ Max cross section 16-35 mm² acc. to terminal type
- ✓ Max temp. 50-60 °C acc. to temp. category
- ✓ Before touching: discharge, ground, short terminals



PFC capacitors – medium voltage

- ✓ 60 mm between capacitors
- ✓ Max torques 10-25 Nm acc. to bushing type
- ✓ No impact wrench use
- ✓ No mechanical stress on bushings
- ✓ No capacitor lifting by bushings
- ✓ Before touching: discharge, ground, short terminals
- ✓ Impregnation fluid leakage: disposal acc. to local rules



Power electronics capacitors

- ✓ 40 mm free space above a capacitor (AC filter)
- ✓ Only flexible cables (AC filter)
- ✓ 20 mm between capacitors
- ✓ Max torques 2-15 Nm acc. to terminal type
- ✓ Max temp. 85 °C (hot spot)
- ✓ Energy 40 MJ/l (capacitor volume)
- ✓ Before touching: discharge, ground, short terminals



Induction heating capacitors

- ✓ 30 mm between capacitors
- ✓ Max torques 7-25 Nm acc. to terminal type
- ✓ Max temp. of outlet water 40 °C
- ✓ No mechanical stress on bushings
- ✓ No capacitor lifting by bushings
- ✓ Before touching: discharge, ground, short terminals
- ✓ Impregnation fluid leakage: disposal acc. to local rules



ZEZ SILKO advantages

- ✓ 90 years of capacitor production
- ✓ Experienced technical support
- ✓ Tailor made solution
- ✓ Flexibility
- ✓ High quality
- ✓ Full range of products
- ✓ Short delivery time






Thank you very much for your attention!

JOSEF ŠINDELÁŘ

 +420 465 673 111

 zez@zez-silko.cz

 + 420 465 612 319

www.zez-silko.com