

# PARTICULARITIES OF THE ELECTRONICALLY CONTROLLED CAPACITOR

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**Abstract:** *Some particularities of the Electronically Controlled Capacitor (ECC) used in optimization of SPIM (Single-Phase Induction Motor) are analyzed. The principal design relations are established. The results of the simulations and from an experimental series RLC circuit (C being an ECC) are presented.*

**Key words:** *Single-Phase Induction Motor, Electronically Controlled Capacitor, RLC series circuit.*

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