



Study of a Single-Phase Variable Speed Shunt Induction Motor (Classic Reprint)

By R Calvin

Forgotten Books, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Excerpt from Study of a Single-Phase Variable Speed Shunt Induction Motor The single-phase shunt induction motor differs from the ordinary type in that its rotor is equipped with a commutator, upon which bear two pairs of short-circuited brushes for each pair of poles on the motor. The brushes of one set are immediately under the center of the poles, and those of the other set are at right angles thereto. Obviously, the effect is a permanent short-circuiting of the armature windings in two planes, one parallel with and the other perpendicular to the flux from the stator field windings. To determine the speed variation possible with this type of motor, a Westinghouse compensated series motor was altered to conform with the above conditions. About the Publisher Forgotten Books publishes hundreds of thousands of rare and classic books. Find more at This book is a reproduction of an important historical work. Forgotten Books uses state-of-the-art technology to digitally reconstruct the work, preserving the original format whilst repairing imperfections present in the aged copy. In rare cases, an imperfection...



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