



Proceedings at the Convention Volume 16

By National Electric Association

Rarebooksclub.com, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****. This historic book may have numerous typos and missing text. Purchasers can usually download a free scanned copy of the original book (without typos) from the publisher. Not indexed. Not illustrated. 1897 edition. Excerpt: .to the revolutions per second as a basis of comparison of dynamos without perceiving its true significance, and have called this ratio the mass factor. The fact seems to have been overlooked that the ratio of the induced volts to the revolutions per second is a constant, so long as the useful. lines per pole remain unaltered, being, in fact, what we have termed the induction factor. While the force factor and the so-called mass factor are one and the same thing, the latter is expressed in a way involving the idea of power and, consequently, of speed, while the former indicates the real nature of this ratio, showing that it is quite independent of speed, and, therefore, not a power unit at all, much less a mass unit, but a force unit. and the resistance of the motor 0.05 ohm; inserting these values...



Reviews

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