



Proceedings at the convention Volume 16

By National Electric Light Association

RareBooksClub. Paperback. Book Condition: New. This item is printed on demand. Paperback. 112 pages. Dimensions: 9.7in. x 7.4in. x 0.2in. This historic book may have numerous typos and missing text. Purchasers can download a free scanned copy of the original book (without typos) from the publisher. Not indexed. Not illustrated. 1897 Excerpt: . . . Since the pull at the rim of the rope drum is 3, 400 pounds, when running at 200 feet per second, this motor would develop about twenty horsepower; and if the elevator had to act always at this speed, it would be sufficient to describe the motor as a twentyhorsepower motor; but this would give no information as to the ability of the motor to accelerate, since, at the moment of starting, the horse-power is nothing. Example 4. A four-pole railway generator, with the armature parallel connected (giving Pi), has 440 conductors on the armature, with 16. Ix100 lines per pole; the induction factor is seventy-seven, and the force factor for 600 amperes is 77x60046. 2 kilodynes; the output at 450 revolutions per minute is 46. 2x75 346 kilowatts; the dynamo is a General Electric Companys M. P. 4, 300 multipolar railway generator. Example 5. A...



Reviews

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