



Electric Railways, Theoretically and Practically Treated Volume 2; Engineering Preliminaries and Direct-Current Sub-Station

By Sydney Whitmore Ashe

Rarebooksclub.com, United States, 2012. 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 download a free scanned copy of the original book (without typos) from the publisher. Not indexed. Not illustrated. 1907 Excerpt: .converters, and a quick and steady operator. Three methods are usually employed for starting converters, namely: A. Starting from the direct-current side. B. Starting by means of a small direct-connected induction motor. C. Starting from the alternating-current side. Method A. The converter in this case is started as an ordinary shunt motor, receiving its current either from a shunt-wound generator or from the direct-current bus-bar. A double-throw switch is usually provided so that the converter may receive current from either source. Ordinarily, when started by current from a shunt-wound generator about two minutes are required to start, to synchronize, and to connect to the bus-bar a 1500-kw. converter. In emergency cases the machine is started by current from the direct-current bus-bar, and only a minute and a half is required to place it in service. The advantages of method A are the rapidity of starting, the...



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