



Power Wiring Diagrams; A Handbook of Connection Diagrams of Control and Protective Systems for Industrial Plants

By Alfred Thomas Dover

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. 1917 Excerpt: .accelerating contactors is controlled. The control of the motor is effected by means of push buttons, a pilot switch, a float switch or a pressure regulator (or governor). With motors having wound rotors the current limiting relays may be connected either in stator or rotor circuit, but with motors having squirrel cage rotors the relay must be connected in the stator circuit. Motors having squirrel-cage rotors are started with reduced voltage, which is obtained either by series resistance or from an auto transformer. Two contactors are necessary: one connects the motor to the starting rheostat (or auto-transformer) and the other, which is controlled by the current-limiting relay, connects the motor directly to the line. Only one starting point is required because, with normal designs of motors, any voltage which will start the motor will accelerate it to nearly synchronous speed. The method in which an autotransformer...



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