Telephonology; A Description of Modern Telephone Appliances. a Common Sense Treatise on the Erection, Equipment and Maintenance of Telephone Exchanges. Line, Instrument and Switchboard Troubles and Their Remedies. Apparatus, Line and Cable Testing

By Harry Randolph Van Deventer

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. 1912 Excerpt: .high voltages, and only a portion for low ones. Fig. 376 shows a skeleton view of a double coil instrument, the dotted lines showing the connection to the terminals, the coil in the base, and the moving coil. Consider now the action of the voltmeter in the light of Ohms law. American Telephone Journal. Assume an instrument of 1,000 ohms in the moving coil and 9,000 in the stationary one, total 10,000 ohms. Suppose this be connected to ten cells of storage battery, giving a known electro-motive force of 20 volts. The resistance of the wires from the voltmeter and the battery is so small in comparison with the 10,000 ohms of the instrument that they may be neglected, and taking Ohms formula we have E = 20 volts, R--10,000 ohms, 20 C = =.002 amperes. 10,000 This is the current which passes through the voltmeter....

Reviews

This pdf is really gripping and intriguing. it was actually writttern very completely and beneficial. You wont really feel monotony at whenever you want of your time (that's what catalogues are for about in the event you request me).
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