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Titolo	Vacuum Circuit Breaker for Aviation Variable Frequency Power System : Theory and Application of Arc in Electrical Apparatus / / by Yuan Jiang, Qing Li
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Descrizione fisica	1 online resource (VIII, 120 p. 86 illus., 72 illus. in color.)
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Soggetti	Power electronics Aerospace engineering Astronautics Electric power production Plasma (Ionized gases) Power Electronics Aerospace Technology and Astronautics Electrical Power Engineering Basic Plasma Phenomena and Gas Discharges
Lingua di pubblicazione	Inglese
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Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Introduction -- Experiment and Simulation Platform of Variable Frequency Power System -- Contacts Characteristics of Variable Frequency Vacuum Arc -- Frequency Characteristics of Variable Frequency Vacuum Arc -- Post-arc Breakdown in Variable Frequency Vacuum Arc.
Sommario/riassunto	This book introduces the concepts of more electric aircraft and aviation electrical appliances, as well as the aviation experimental platform of vacuum switches, the interruption characteristics, frequency characteristics and post-arc breakdown characteristics of intermediate frequency vacuum switches, etc. It is the first monograph on protection electrical appliances, vacuum interrupter in aviation variable frequency power system. This book includes a lot of experimental process and chart analysis for readers to understand and provides references for

practical engineering problems. This book could be used as references for engineers and technicians working on electric power systems in aircrafts. .
