1. Record Nr. UNINA9910143311703321 Autore Preve Christophe <1964-> Titolo Protection of electrical networks [[electronic resource] /] / Christophe Preve London; ; Newport Beach, CA, : ISTE, c2006 Pubbl/distr/stampa **ISBN** 0-470-61222-3 1-280-60345-3 9786610603459 1-84704-456-5 0-470-39445-5 1-84704-556-1 Descrizione fisica 1 online resource (510 p.) Collana ISTE :: v.94 Disciplina 621.319/2 621.3192 Soggetti Electric networks - Protection Electronic books. Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Includes index. Nota di contenuto Protection of Electrical Networks; Table of Contents; Chapter 1. Network Structures; 1.1. General structure of the private distribution network; 1.2. The supply source; 1.3. HV consumer substations; 1.4. MV power supply; 1.4.1. Different MV service connections; 1.4.2. MV consumer substations; 1.5. MV networks inside the site; 1.5.1. MV switchboard power supply modes; 1.5.2. MV network structures; 1.6.

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Sommario/riassunto

This book, designed for engineers, technicians, designers and operators working with electrical networks, contains theoretical and practical information on the design and set-up of protection systems. Protection of Electrical Networks first discusses network structures and grounding systems together with problems that can occur in networks. It goes on to cover current and voltage transformers, protection functions, circuit breakers and fuses.Practical explanations of how protection systems function are given, and these, together with tables of settings, make this book suitable for any r