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Descrizione fisica	1 online resource (xiii, 674 p.) : ill
Altri autori (Persone)	StokesGeoffrey, CEng
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Soggetti	Electric wiring, Interior Electric apparatus and appliances - Installation - Great Britain
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Note generali	Previous ed. edited by A. Smith, 1996. Includes index.
Nota di contenuto	1 Power supplies in the UK; 2 Substations and control rooms; 3 Site distribution systems; 4 Cable management systems; 5 Electricity on construction sites; 6 Standby power supplies; 7 Ground earthing; 8 Cathodic protection; 9 Lightning protection; 10 Special installations or locations; 11 Electrical safety; 12 Standards, specifications and codes of practice; 13 Distribution transformers; 14 Switchgear; 15 Rotating Machines; 16 HBC fuses and fusegear in low voltage systems; 17 Motor control gear; 18 Lighting; 19 Mains cables; 20 Selection of wiring systems; 21 Control and protection of low voltage installations; 22 Protective systems; 23 Power factor correction and tariffs; Appendices; Index.
Sommario/riassunto	Handbook of Electrical Installation Practice covers all key aspects of industrial, commercial and domestic installations and draws on the expertise of a wide range of industrial experts. Chapters are devoted to topics such as wiring cables, mains and submains cables and distribution in buildings, as well as power supplies, transformers, switchgear, and electricity on construction sites. Standards and codes of practice, as well as safety, are also included. Since the third edition was published, there have been many developments in technology and standards. The revolution in electronic microtechnology has made it

possible to introduce more complex technologies in protective equipment and control systems, and these have been addressed in the new edition. Developments in lighting design continue, and extra-low voltage luminaires for display and feature illumination are now dealt with, as is the important subject of security lighting. All chapters have been amended to take account of revisions to British and other standards, following the trend to harmonised European and international standards, and they also take account of the latest edition of the Wiring Regulations. This new edition will provide an invaluable reference for consulting engineers, electrical contractors and factory plant engineers.

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