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Nota di contenuto	Cover; Copyright Page; Table of Contents; Foreword; Preface; Chapter 1 Intruder alarm systems; 1.1 A complementary part of the security industry; 1.2 European Standards Euro Norms (EN). EN50131; 1.3 Security grading; 1.4 Standards, codes of practice and regulations; 1.5 ACPO Security Systems Policy and response organizations; 1.6 Local authority requirements; 1.7 The installation and servicing company; Chapter 2 Intruder alarm system circuitry; 2.1 Detector circuits; 2.2 Line-monitoring devices; 2.3 The electromagnetic relay; 2.4 Power circuits; 2.5 Control circuits Chapter 3 Intruder alarm detection devices3.1 Protective switches; 3.2 Continuous wiring; 3.3 Glass break detectors; 3.4 Deliberately operated hold up devices; 3.5 Beam interruption detectors; 3.6 Movement detectors; 3.7 Inertia and vibration detectors; 3.8 Capacitive detectors; 3.9 Acoustic detectors; 3.10 Futuristic detection features; 3.11 Perimeter intruder detection systems (PIDS); Chapter 4 Power supplies; 4.1 Primary supply; 4.2 Secondary supplies; 4.3 Power supply requirements; 4.4 Ancillary duties; 4.5 Power supply considerations; Chapter 5 Intruder alarm control equipment 5.1 Control panel system facilities5.2 Control panel detector circuit

facilities: control unit features; 5.3 Conventional connection details; 5.4 Ancillary control equipment; 5.5 Intelligent device (iD), multiplex, data bus networks and addressable systems; 5.6 Voltage surges and induced electromagnetic energy; 5.7 Networking. Uploading and downloading; Chapter 6 Signalling systems and confirmed alarms; 6.1 Audible signalling devices; 6.2 Visual signalling devices; 6.3 Electromagnetic relays: applications; 6.4 Remote signalling: the alarm receiving centre (ARC) 6.5 Remote signalling: telephone lines 6.6 Remote signalling systems and connections; 6.7 Radio signalling; 6.8 Optical fibres; 6.9 Alarm confirmation technology; 6.10 Signalling and active goods protection; Chapter 7 Intruder alarm wiring systems; 7.1 Survey of modern wiring methods; 7.2 Installation of supports and cables; 7.3 Joints and terminations; 7.4 Fixing methods for devices; 7.5 Working equipment: safe use; Chapter 8 Inspection and testing of the low-voltage (mains) supply; 8.1 Part P of the Building Regulations; 8.2 Visual inspection and testing 8.3 Safety precautions and test equipment Chapter 9 Commissioning, maintenance (servicing) and fault location; 9.1 Testing the system; 9.2 Regulatory authority requirements; 9.3 Fault finding; 9.4 Customer care: servicing and maintenance; 9.5 Test equipment; Chapter 10 Reference information; 10.1 Wireless intruder alarms; 10.2 Environmental protection; 10.3 Multiplication factors; 10.4 Reference standards, codes of practice and regulations; Index

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## Sommario/riassunto

Intruder Alarms provides a definitive and fully up-to-date guide to the specification, systems design, integration, installation and maintenance of intruder alarm systems. It has been written to be the essential handbook for installation engineers and security professionals working in this rapidly expanding and developing area. The third edition includes new material on systems integration, digital systems, wireless and remote signalling technologies, and electrical safety. The revision has brought coverage fully in line with the new European standards (EN50131 / BS EN 50131-1),

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