

IRISH STANDARDS PUBLISHED BASED ON CEN/CENELEC STANDARDS

1. **I.S. ETS 300590:1999**
Date published 12 MARCH 1999
European Digital Cellular Telecommunications System (Phase 2); Mobile-Services Switching Centre – Base Station System (MSC – BSS) Interface – Layer 3 Specification (GSM 08.08)
2. **I.S. ETS 300574:1999**
Date published 12 MARCH 1999
European Digital Cellular Telecommunications System (Phase 2); Multiplexing and Multiple Access on the Radio Path (GSM 05.02)
3. **I.S. EN 60192:1999**
Date published 22 OCTOBER 1999
Low-pressure sodium vapour lamps (IEC 60192:1973 (EQV) + A1:1979 (EQV) + A2:1988 (EQV) + A3:1992 (EQV))
4. **I.S. EN 60929:1992/A1:1996**
Date published 29 JANUARY 1999
A.C. supplied electronic ballasts for tubular fluorescent lamps - Performance requirements (IEC 60929:1990/A1:1994 (EQV))
5. **I.S. EN 60192:1993/A4:1999**
Date published 22 OCTOBER 1999
Low-pressure sodium vapour lamps (IEC 60192:1973/A4:1993 (EQV))
6. **I.S. EN 60192:1993/A5:1999**
Date published 22 OCTOBER 1999
Low-pressure sodium vapour lamps (IEC 60192:1973/A5:1994 (EQV))
7. **I.S. EN 60051-9:1989/A2:1999**
Date published 29 JANUARY 1999
Direct acting indicating analogue electrical-measuring instruments and their accessories -- Part 9: Recommended test methods (IEC 60051-9:1988/A2:1995 (EQV))
8. **I.S. EN 55022:1994/A1:1998**
Date published 12 NOVEMBER 1999
Limits and methods of measurement of radio disturbance characteristics of information technology equipment (CISPR 22:1993/A1:1995 (EQV))
9. **I.S. EN 60034-4:1999**
Date published 29 JANUARY 1999
Rotating electrical machines -- Part 4: Methods for determining synchronous machine quantities from tests (IEC 60034-4:1985 (MOD))
10. **I.S. EN 60904-5:1999**
Date published 29 JANUARY 1999
Photovoltaic devices -- Part 5: Determination of the equivalent cell temperature (ECT) of photovoltaic (PV) devices by the open-circuit voltage method (IEC 60904-5:1993 (EQV))
11. **I.S. EN 61041-1:1999**
Date published 29 JANUARY 1999
Non-broadcast video tape recorders - Methods of measurement -- Part 1: General video (NTSC/PAL) and audio (longitudinal) characteristics (IEC 61041-1:1990 (EQV))

12. **I.S. EN 61194:1999**
Date published 29 JANUARY 1999
Characteristic parameters of stand-alone photovoltaic (PV) systems (IEC 61194:1992 (MOD))
13. **I.S. EN 61041-3:1999**
Date published 29 JANUARY 1999
Non-broadcast videotape recorders - Methods of measurement -- Part 3: Audio characteristics for FM recording (IEC 61041-3:1993 (EQV))
14. **I.S. EN 60952-3:1999**
Date published 22 OCTOBER 1999
Aircraft batteries -- Part 3: External electrical connectors (IEC 60952-3:1993 (EQV))
15. **I.S. HD 355.1 S3:1999**
Date published 29 JANUARY 1999
High-voltage switches -- Part 1: High-voltage switches for rated voltages above 1 kV and less than 52 kV (IEC 60265-1:1983 (EQV) + A1:1984 (EQV) + A2:1994 (EQV))
16. **I.S. EN 60034-3:1999**
Date published 19 FEBRUARY 1999
Rotating electrical machines -- Part 3: Specific requirements for turbine-type synchronous machines (IEC 60034-3:1988 (EQV))
17. **I.S. EN 60034-16-1:1999**
Date published 19 FEBRUARY 1999
Rotating electrical machines -- Part 16: Excitation systems for synchronous machines -- Chapter 1: Definitions (IEC 60034-16-1:1991 (EQV) + corrigendum Apr. 1992 (EQV))
18. **I.S. EN 60255-21-1:1999**
Date published 19 FEBRUARY 1999
Electrical relays -- Part 21: Vibration, shock, bump and seismic tests on measuring relays and protection equipment -- Section 1: Vibration tests (sinusoidal) (IEC 60255-21-1:1988 (EQV))
19. **I.S. EN 60255-21-2:1999**
Date published 19 FEBRUARY 1999
Electrical relays -- Part 21: Vibration, shock, bump and seismic tests on measuring relays and protection equipment -- Section 2: Shock and bump tests (IEC 60255-21-2:1988 (EQV))
20. **I.S. EN 60623:1999**
Date published 29 JANUARY 1999
Vented nickel-cadmium prismatic rechargeable single cells (BT(DE/NOT)72 (EQV) + IEC 60623:1990 (EQV) + A1:1992 (EQV) + A2:1992 (EQV))
21. **I.S. EN 60684-1:1999**
Date published 19 FEBRUARY 1999
Specification for flexible insulating sleeving -- Part 1: Definitions and general requirements (IEC 60684-1:1980 (EQV))
22. **I.S. EN 60691:1999**
Date published 19 FEBRUARY 1999
Thermal-links - Requirements and application guide (IEC 60691:1993 (EQV) + A1:1995 (EQV))
23. **I.S. EN 60947-7-2:1999**
Date published 29 JANUARY 1999
Low-voltage switchgear and controlgear -- Part 7: Ancillary equipment -- Section 2: Protective conductor terminal blocks for copper conductors (IEC 60947-7-2:1995 (EQV))

24. **I.S. EN 61050:1992/A1:1999**
Date published 29 JANUARY 1999
Transformers for tubular discharge lamps having a no-load output voltage exceeding 1 kV (generally called neon-transformers) - General and safety requirements (IEC 61050:1991/A1:1994 (MOD))
25. **I.S. EN 61286:1999**
Date published 15 JANUARY 1999
Information technology - Coded graphic character set for use in the preparation of documents used in electrotechnology and for information interchange (IEC 61286:1995 (EQV))
26. **I.S. EN 61327:1999**
Date published 29 JANUARY 1999
Helical-scan digital composite video cassette recording system using 12,65 mm (0,5 in) magnetic tape - Format D-3 (IEC 61327:1995 (EQV))
27. **I.S. EN 60454-3-13:1999**
Date published 29 JANUARY 1999
Pressure-sensitive adhesive tapes for electrical purposes -- Part 3: Specifications for individual materials -- Sheet 13: Requirements for combined cellulose-viscose woven fabric tapes, one side covered with a thermoplastic material, the other side with rubber thermosetting adhesive (IEC 60454-3-13:1995 (EQV))
28. **I.S. EN 60454-3-10:1999**
Date published 29 JANUARY 1999
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29. **I.S. EN 60512-15-8:1999**
Date published 29 JANUARY 1999
Electromechanical components for electronic equipment - Basic testing procedures and measuring methods -- Part 15: Mechanical tests on contacts and terminations -- Section 8: Test 15h - Contact retention system resistance to tool application (IEC 60512-15-8:1995 (EQV))
30. **I.S. EN 60835-2-9:1999**
Date published 29 JANUARY 1999
Methods of measurement for equipment used in digital microwave radio transmission systems -- Part 2: Measurements on terrestrial radio-relay systems -- Section 9: Service channels (IEC 60835-2-9:1995 (EQV))
31. **I.S. EN 60870-6-2:1999**
Date published 8 JANUARY 1999
Telecontrol equipment and systems -- Part 6: Telecontrol protocols compatible with ISO standards and ITU-T recommendations -- Section 2: Use of basic standards (OSI layers 1-4) (IEC 60870-6-2:1995 (EQV))
32. **I.S. EN 61094-3:1999**
Date published 29 JANUARY 1999
Measurement microphones -- Part 3: Primary method for free-field calibration of laboratory standard microphones by the reciprocity technique (IEC 61094-3:1995 (EQV))
33. **I.S. EN 61094-4:1999**
Date published 29 JANUARY 1999
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34. **I.S. EN 61229:1999**
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Rigid protective covers for live working on a.c. installations (IEC 61229:1993 (MOD))
35. **I.S. EN 60953-2:1999**
Date published 15 JANUARY 1999
Rules for steam turbine thermal acceptance tests -- Part 2: Method B - Wide range of accuracy for various types and sizes of turbines (IEC 60953-2:1990 (EQV))
36. **I.S. EN 60439-4:1991/A1:1999**
Date published 29 JANUARY 1999
Low-voltage switchgear and controlgear assemblies -- Part 4: Particular requirements for assemblies for construction sites (ACS) (IEC 60439-4:1990/A1:1995 (EQV))
37. **I.S. EN 60662:1993/A7:1999**
Date published 29 JANUARY 1999
High-pressure sodium vapour lamps (IEC 60662:1980/A7:1995 (EQV))
38. **I.S. HD 624.5 S1:1999**
Date published 29 JANUARY 1999
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39. **I.S. EN 60958:1990/A2:1999**
Date published 15 JANUARY 1999
Digital audio interface (IEC 60958:1989/A2:1995 (EQV))
40. **I.S. EN 60695-2-2:1994/A1:1999**
Date published 8 JANUARY 1999
Fire hazard testing -- Part 2: Test methods -- Section 2: Needle-flame test (IEC 60695-2-2:1991/A1:1994 (EQV))
41. **I.S. HD 624.8 S1:1999**
Date published 29 JANUARY 1999
Materials used in communication cables -- Part 8: Filling compounds for filled cables
42. **I.S. EN 60371-3-7:1999**
Date published 29 JANUARY 1999
Specification for insulating materials based on mica -- Part 3: Specifications for individual materials -- Sheet 7: Polyester film mica paper with an epoxy resin binder for single conductor taping (IEC 60371-3-7:1995 (EQV) + corrigendum Aug. 1995 (EQV))
43. **I.S. EN 60371-3-8:1999**
Date published 29 JANUARY 1999
Insulating materials based on mica -- Part 3: Specifications for individual materials -- Sheet 8: Mica paper tapes for flame-resistant security cables (IEC 60371-3-8:1995 (EQV) + corrigendum Aug. 1995 (EQV))
44. **I.S. EN 60371-3-9:1999**
Date published 29 JANUARY 1999
Insulating materials based on mica -- Part 3: Specifications for individual materials -- Sheet 9: Moulding micanite (IEC 60371-3-9:1995 (EQV) + corrigendum Aug. 1995 (EQV))
45. **I.S. EN 60298:1999**
Date published 26 FEBRUARY 1999
A.C. metal-enclosed switchgear and controlgear for rated voltages above 1 kV and up to and including 52 kV (IEC 60298:1990 (EQV) + A1:1994 (EQV) + corrigendum Apr. 1995 (EQV))

46. **I.S. EN 60870-5-101:1999**
Date published 8 JANUARY 1999
Telecontrol equipment and systems -- Part 5-101: Transmission protocols - Companion standard for basic telecontrol tasks (IEC 60870-5-101:1995 (EQV))
47. **I.S. EN 61048:1993/A1:1999**
Date published 29 JANUARY 1999
Auxiliaries for lamps - Capacitors for use in tubular fluorescent and other discharge lamp circuits - General and safety requirements (IEC 61048:1991/A1:1995 (EQV))
48. **I.S. EN 61319-1:1999**
Date published 29 JANUARY 1999
Interconnections of satellite receiving equipment -- Part 1: Europe (IEC 61319-1:1995 (EQV))
49. **I.S. EN 61329:1999**
Date published 29 JANUARY 1999
Sound system equipment - Methods of measuring and specifying the performance of sounders (electroacoustic transducers for tone production) (IEC 61329:1995 (EQV))
50. **I.S. EN 61330:1999**
Date published 29 JANUARY 1999
High-voltage/low-voltage prefabricated substations (IEC 61330:1995 (EQV))
51. **I.S. EN 61610:1999**
Date published 29 JANUARY 1999
Prints and transparencies produced from electronic sources - Assessment of image quality (IEC 61610:1995 (EQV))
52. **I.S. EN 61733-1:1999**
Date published 29 JANUARY 1999
Measuring relays and protection equipment - Protection communication interfacing -- Part 1: General (IEC 61733-1:1995 (EQV))
53. **I.S. EN 60137:1999**
Date published 29 JANUARY 1999
Insulated bushings for alternating voltages above 1 kV (IEC 60137:1995 (EQV))
54. **I.S. EN 60300-2:1999**
Date published 29 JANUARY 1999
Dependability management -- Part 2: Dependability programme elements and tasks (IEC 60300-2:1995 (EQV))
55. **I.S. EN 61162-1:1999**
Date published 29 JANUARY 1999
Maritime navigation and radiocommunication equipment and systems - Digital interfaces -- Part 1: Single talker and multiple listeners (IEC 61162-1:1995 (EQV))
56. **I.S. EN 61076-1:1999**
Date published 29 JANUARY 1999
Connectors with assessed quality, for use in d.c., low frequency analogue and in digital high-speed data applications -- Part 1: Generic specification - Capability approval (IEC 61076-1:1995 (EQV))
57. **I.S. EN 61120-5:1999**
Date published 29 JANUARY 1999
Digital audio tape recorder reel-to-reel system, using 6,3 mm magnetic tape, for professional use -- Part 5: Reels (IEC 61120-5:1995 (EQV))

58. **I.S. EN 61260:1999**
Date published 29 JANUARY 1999
Electroacoustics - Octave-band and fractional-octave-band filters (IEC 61260:1995 (EQV))
59. **I.S. EN 61298-1:1999**
Date published 15 JANUARY 1999
Process measurement and control devices - General methods and procedures for evaluating performance -- Part 1: General considerations (IEC 61298-1:1995 (EQV))
60. **I.S. EN 61298-4:1999**
Date published 15 JANUARY 1999
Process measurement and control devices - General methods and procedures for evaluating performance -- Part 4: Evaluation report content (IEC 61298-4:1995 (EQV))
61. **I.S. EN 60034-15:1999**
Date published 19 FEBRUARY 1999
Rotating electrical machines -- Part 15: Impulse voltage withstand levels of rotating a.c. machines with form-wound stator coils (IEC 60034-15:1995 (EQV))
62. **I.S. EN 61063:1999**
Date published 29 JANUARY 1999
Acoustics - Measurement of airborne noise emitted by steam turbines and driven machinery (IEC 61063:1991 (EQV))
63. **I.S. EN 61297:1999**
Date published 29 JANUARY 1999
Industrial-process control systems - Classification of adaptive controllers for the purpose of evaluation (IEC 61297:1995 (EQV))
64. **I.S. EN 61298-2:1999**
Date published 15 JANUARY 1999
Process measurement and control devices - General methods and procedures for evaluating performance -- Part 2: Tests under reference conditions (IEC 61298-2:1995 (EQV))
65. **I.S. EN 60896-2:1999**
Date published 19 FEBRUARY 1999
Stationary lead-acid batteries - General requirements and methods of test -- Part 2: Valve regulated types (IEC 60896-2:1995 (EQV))
66. **I.S. EN 61131-2:1994/A11:1999**
Date published 26 MARCH 1999
Programmable controllers -- Part 2: Equipment requirements and tests
67. **I.S. HD 448 S4:1999**
Date published 29 JANUARY 1999
Common clauses for high-voltage switchgear and controlgear standards (IEC 60694:1980 (EQV) + A1:1985 (EQV) + A2:1993 (EQV) + A3:1995 (EQV))
68. **I.S. EN 60127-6:1994/A1:1999**
Date published 12 FEBRUARY 1999
Miniature fuses -- Part 6: Fuse-holders for miniature fuse-links (IEC 60127-6:1994/A1:1996 (EQV))
69. **I.S. EN 60831-2:1999**
Date published 19 FEBRUARY 1999
Shunt power capacitors of the self-healing type for a.c. systems having a rated voltage up to and including 1 kV -- Part 2: Ageing test, self-healing test and destruction test (IEC 60831-2:1995 (EQV))

70. **I.S. EN 60094-3:1999**
Date published 19 FEBRUARY 1999
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71. **I.S. EN 60094-3:1996/A3:1999**
Date published 19 FEBRUARY 1999
Magnetic tape sound recording and reproducing systems -- Part 3: Methods of measuring the characteristics of recording and reproducing equipment for sound on magnetic tape (IEC 60094-3:1979/A3:1996 (EQV))
72. **I.S. EN 60870-6-501:1999**
Date published 8 JANUARY 1999
Telecontrol equipment and systems -- Part 6: Telecontrol protocols compatible with ISO standards and ITU-T recommendations -- Section 501: TASE.1 Service definitions (IEC 60870-6-501:1995 (EQV))
73. **I.S. EN 60870-6-502:1999**
Date published 8 JANUARY 1999
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74. **I.S. EN 60268-7:1999**
Date published 26 FEBRUARY 1999
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75. **I.S. EN 61082-4:1999**
Date published 19 FEBRUARY 1999
Preparation of documents used in electrotechnology -- Part 4: Location and installation documents (IEC 61082-4:1996 (EQV))
76. **I.S. HD 630.2.1 S1:1999**
Date published 12 FEBRUARY 1999
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77. **I.S. HD 630.3.1 S1:1999**
Date published 12 FEBRUARY 1999
Low-voltage fuses -- Part 3-1: Supplementary requirements for fuses for use by unskilled persons (fuses mainly for household and similar applications) -- Sections I to IV (IEC 60269-3-1:1994 (MOD))
78. **I.S. EN 60923:1999**
Date published 29 JANUARY 1999
Auxiliaries for lamps - Ballasts for discharge lamps (excluding tubular fluorescent lamps) - Performance requirements (IEC 60923:1995 (EQV))
79. **I.S. HD 22.12 S1:1999**
Date published 12 FEBRUARY 1999
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80. **I.S. EN 50083-7:1999**
Date published 29 JANUARY 1999
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81. **I.S. EN 50098-2:1999**
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82. **I.S. HD 22.13 S1:1999**
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83. **I.S. EN 61037:1992/A1:1999**
Date published 12 FEBRUARY 1999
Electricity metering - Tariff and load control - Particular requirements for electronic ripple control receivers (IEC 61037:1990/A1:1996 (EQV))
84. **I.S. EN 61114-2:1999**
Date published 19 FEBRUARY 1999
Methods of measurement on receiving antennas for satellite broadcast transmission in the 11/12 GHz band -- Part 2: Mechanical and environmental tests on individual and collective receiving antennas (IEC 61114-2:1996 (EQV))
85. **I.S. EN 61212-2:1999**
Date published 19 FEBRUARY 1999
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86. **I.S. EN 61346-1:1999**
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87. **I.S. EN 61515:1999**
Date published 29 JANUARY 1999
Mineral insulated thermocouple cables and thermocouples (IEC 61515:1995 (EQV))
88. **I.S. EN 60094-7:1993/A1:1999**
Date published 19 FEBRUARY 1999
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89. **I.S. EN 60094-5:1993/A1:1999**
Date published 19 FEBRUARY 1999
Magnetic tape sound recording and reproducing systems -- Part 5: Electrical magnetic tape properties (IEC 60094-5:1988/A1:1996 (EQV))
90. **I.S. EN 60282-1:1996/A1:1999**
Date published 12 FEBRUARY 1999
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91. **I.S. EN 60305:1999**
Date published 19 FEBRUARY 1999
Insulators for overhead lines with a nominal voltage above 1 kV - Ceramic or glass insulator units for a.c. systems - Characteristics of insulator units of the cap and pin type (IEC 60305:1995 (EQV))
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Date published 19 FEBRUARY 1999
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93. **I.S. EN 60512-12-6:1999**
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94. **I.S. EN 60835-3-2:1999**
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95. **I.S. EN 60931-2:1999**
Date published 19 FEBRUARY 1999
Shunt power capacitors of the non-self-healing type for a.c. systems having a rated voltage up to and including 1 kV -- Part 2: Ageing test and destruction test (IEC 60931-2:1995 (EQV))
96. **I.S. EN 60315-9:1999**
Date published 19 FEBRUARY 1999
Methods of measurement on radio receivers for various classes of emission -- Part 9: Measurement of the characteristics relevant to radio data system (RDS) reception (IEC 60315-9:1996 (EQV))
97. **I.S. EN 60947-4-2:1999**
Date published 26 FEBRUARY 1999
Low-voltage switchgear and controlgear -- Part 4: Contactors and motor-starters -- Section 2: A.C. semiconductor motor controllers and starters (IEC 60947-4-2:1995 (MOD))
98. **I.S. EN 61400-2:1999**
Date published 15 JANUARY 1999
Wind turbine generator systems -- Part 2: Safety of small wind turbines (IEC 61400-2:1996 (EQV))
99. **I.S. EN 60832:1999**
Date published 12 FEBRUARY 1999
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100. **I.S. EN 60855:1999**
Date published 12 FEBRUARY 1999
Insulating foam-filled tubes and solid rods for live working (IEC 60855:1985 (MOD))
101. **I.S. EN 50147-1:1999**
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102. **I.S. EN 50147-2:1999**
Date published 29 JANUARY 1999
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Date published 29 JANUARY 1999
Alternating current static var-hour meters for reactive energy (classes 2 and 3) (IEC 61268:1995 (EQV))
104. **I.S. EN 60127-3:1999**
Date published 12 FEBRUARY 1999
Miniature fuses -- Part 3: Sub-miniature fuse-links (IEC 60127-3:1988 (EQV) + A1:1991 (EQV) + A1:1991/corrigendum Oct. 1994 (EQV))

105. **I.S. EN 60282-1:1999**
Date published 12 FEBRUARY 1999
High-voltage fuses -- Part 1: Current-limiting fuses (IEC 60282-1:1994 (EQV))
106. **I.S. EN 60695-2-4-1:1999**
Date published 8 JANUARY 1999
Fire hazard testing -- Part 2: Test methods -- Section 4/sheet 1: 1 kW nominal pre-mixed test flame and guidance (IEC 60695-2-4/1:1991/A1:1994 (EQV))
107. **I.S. EN 60695-2-1/2:1999**
Date published 8 JANUARY 1999
Fire hazard testing -- Part 2: Test methods -- Section 1/sheet 2: Glow-wire flammability test on materials (IEC 60695-2-1/2:1994 (EQV))
108. **I.S. EN 60695-2-1/3:1999**
Date published 8 JANUARY 1999
Fire hazard testing -- Part 2: Test methods -- Section 1/sheet 3: Glow-wire ignitability test on materials (IEC 60695-2-1/3:1994 (EQV))
109. **I.S. EN 61041-2:1999**
Date published 19 FEBRUARY 1999
Non-broadcast video tape recorders - Methods of measurement -- Part 2: Video characteristics chrominance SECAM (IEC 61041-2:1994 (EQV))
110. **I.S. EN 61071-2:1999**
Date published 19 FEBRUARY 1999
Power electronic capacitors -- Part 2: Requirements for disconnecting test on fuses, destruction test, self-healing test and endurance test (IEC 61071-2:1994 (EQV))
111. **I.S. HD 21.7 S2:1999**
Date published 29 JANUARY 1999
Polyvinyl chloride insulated cables of rated voltages up to and including 450/750 V -- Part 7: Single core non-sheathed cables for internal wiring for a conductor temperature of 90[∞] C
112. **I.S. HD 596 S1:1999**
Date published 19 FEBRUARY 1999
Bushings up to 1 kV and from 250 A to 5 kA, for liquid filled transformers
113. **I.S. HD 623 S1:1999**
Date published 12 FEBRUARY 1999
Specification for joints, stop ends and outdoor terminations for distribution cables of rated voltage 0,6/1,0 kV
114. **I.S. EN 60870-2-1:1999**
Date published 8 JANUARY 1999
Telecontrol equipment and systems -- Part 2: Operating conditions -- Section 1: Power supply and electromagnetic compatibility (IEC 60870-2-1:1995 (EQV))
115. **I.S. EN 61046:1994/A1:1999**
Date published 29 JANUARY 1999
D.C. or a.c. supplied electronic step-down convertors for filament lamps - General and safety requirements (IEC 61046:1993/A1:1995 (EQV))
116. **I.S. EN 60268-5:1999**
Date published 19 FEBRUARY 1999
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117. **I.S. EN 60255-23:1999**
Date published 19 FEBRUARY 1999
Electrical relays -- Part 23: Contact performance (IEC 60255-23:1994 (EQV))

118. **I.S. EN 61217:1999**
Date published 26 FEBRUARY 1999
Radiotherapy equipment - Coordinates, movements and scales (IEC 61217:1996 (EQV))
119. **I.S. EN 61228:1994/A1:1999**
Date published 26 FEBRUARY 1999
Method of measuring and specifying the UV-radiation of ultraviolet lamps used for sun-tanning (IEC 61228:1993/A1:1996 (EQV))
120. **I.S. EN 61334-3-21:1999**
Date published 26 FEBRUARY 1999
Distribution automation using distribution line carrier systems -- Part 3: Mains signaling requirements -- Section 21: MV phase-to-phase isolated capacitive coupling device (IEC 61334-3-21:1996 (EQV))
121. **I.S. EN 61580-7:1999**
Date published 26 FEBRUARY 1999
Methods of measurement for waveguides -- Part 7: Graphical method for the determination of waveguide performance (IEC 61580-7:1996 (EQV))
122. **I.S. HD 625.1 S1:1999**
Date published 29 JANUARY 1999
Insulation coordination for equipment within low-voltage systems -- Part 1: Principles, requirements and tests (IEC 60664-1:1992 (MOD))
123. **I.S. EN 60269-4:1999**
Date published 12 FEBRUARY 1999
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124. **I.S. EN 50187:1999**
Date published 19 FEBRUARY 1999
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125. **I.S. EN 60129:1994/A2:1999**
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126. **I.S. EN 60268-5:1996/A2:1999**
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127. **I.S. EN 60694:1999**
Date published 26 FEBRUARY 1999
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128. **I.S. EN 60835-3-6:1999**
Date published 26 FEBRUARY 1999
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129. **I.S. EN 60835-3-13:1999**
Date published 26 FEBRUARY 1999
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130. **I.S. EN 60835-3-14:1999**
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131. **I.S. EN 60852-4:1999**
Date published 26 FEBRUARY 1999
Outline dimensions of transformers and inductors for use in telecommunication and electronic equipment -- Part 4: Transformers and inductors using YUI-2 laminations (IEC 60852-4:1996 (EQV))
132. **I.S. EN 60870-5-102:1999**
Date published 8 JANUARY 1999
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133. **I.S. EN 60925:1991/A1:1999**
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134. **I.S. EN 61069-3:1999**
Date published 26 FEBRUARY 1999
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135. **I.S. EN 61076-1:1995/A1:1999**
Date published 26 FEBRUARY 1999
Connectors with assessed quality, for use in d.c., low frequency analogue and in digital high-speed data applications -- Part 1: Generic specification - Capability approval (IEC 61076-1:1995/A1:1996 (EQV))
136. **I.S. EN 61108-1:1999**
Date published 26 MARCH 1999
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137. **I.S. EN 61169-1:1994/A1:1999**
Date published 26 FEBRUARY 1999
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138. **I.S. EN 61249-5-4:1999**
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139. **I.S. EN 61249-8-7:1999**
Date published 26 FEBRUARY 1999
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140. **I.S. EN 61580-1:1999**
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141. **I.S. EN 61580-2:1999**
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142. **I.S. EN 61580-8:1999**
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143. **I.S. EN 61580-9:1999**
Date published 26 FEBRUARY 1999
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144. **I.S. HD 624.4 S1:1999**
Date published 12 FEBRUARY 1999
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145. **I.S. EN 60512-10-4:1999**
Date published 26 FEBRUARY 1999
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146. **I.S. HD 620 S1:Parts 1 - 5:1999**
Date published 12 FEBRUARY 1999
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147. **I.S. HD 620 S1:Parts 6 - 9:1999**
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148. **I.S. HD 622 S1:1999**
Date published 12 FEBRUARY 1999
Power cables having rated voltages from 3,6/6 (7,2) kV up to and including 20,8/36 (42) kV with special fire performance for use in power stations
149. **I.S. EN 60255-22-2:1999**
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150. **I.S. EN 60695-2-1/1:1999**
Date published 8 JANUARY 1999
Fire hazard testing -- Part 2: Test methods -- Section 1/sheet 1: Glow-wire end-product test and guidance (IEC 60695-2-1/1:1994 (EQV) + corrigendum May 1995 (EQV))
151. **I.S. EN 60695-2-1/0:1999**
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152. **I.S. EN 61307:1999**
Date published 15 JANUARY 1999
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153. **I.S. EN 61308:1999**
Date published 15 JANUARY 1999
High-frequency dielectric heating installations - Test methods for the determination of power output (IEC 61308:1994 (EQV))
154. **I.S. EN 61377:1999**
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155. **I.S. EN 61812-1:1999**
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156. **I.S. HD 624.8 S1:1995/A1:1999**
Date published 12 FEBRUARY 1999
Materials used in communication cables -- Part 8: Filling compounds for filled cables
157. **I.S. HD 384.4.482 S1:1999**
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158. **I.S. EN 60730-2-9:1995/A11:1999**
Date published 8 JANUARY 1999
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159. **I.S. HD 624.9 S1:1999**
Date published 12 FEBRUARY 1999
Materials used in communication cables -- Part 9: Cross-linked PE insulation compounds
160. **I.S. HD 628 S1:1999**
Date published 12 FEBRUARY 1999
Test methods for accessories for power cables with rated voltage from 3,6/6 kV ($U_m = 7,2$ kV) up to and including 20,8/36 kV ($U_m = 42$ kV)
161. **I.S. HD 629.1 S1:1999**
Date published 12 FEBRUARY 1999
Test requirements on accessories for use on power cables of rated voltage from 3,6/6 (7,2) kV up to 20,8/36(42) kV -- Part 1: Cables with extruded insulation
162. **I.S. EN 60034-2:1996/A1:1999**
Date published 26 FEBRUARY 1999
Rotating electrical machines -- Part 2: Methods for determining losses and efficiency of rotating electrical machinery from tests (excluding machines for traction vehicles) (IEC 60034-2:1972/A1:1995 (EQV))
163. **I.S. EN 60034-2:1996/A2:1999**
Date published 26 FEBRUARY 1999
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164. **I.S. EN 60034-18-21:1994/A1:1999**
Date published 26 FEBRUARY 1999
Rotating electrical machines -- Part 18: Functional evaluation of insulation systems --
Section 21: Test procedures for wire-wound windings - Thermal evaluation and
classification (IEC 60034-18-21:1992/A1:1994 (EQV))
165. **I.S. EN 60034-18-21:1994/A2:1999**
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166. **I.S. EN 60127-4:1999**
Date published 12 FEBRUARY 1999
Miniature fuses -- Part 4: Universal Modular Fuse-links (UMF) (IEC 60127-4:1996
(EQV))
167. **I.S. EN 60383-1:1999**
Date published 26 FEBRUARY 1999
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glass insulator units for a.c. systems - Definitions, test methods and acceptance criteria
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168. **I.S. EN 60512-16-20:1999**
Date published 26 FEBRUARY 1999
Electromechanical components for electronic equipment - Basic testing procedures and
measuring methods -- Part 16: Mechanical tests on contacts and terminations -- Section
20: Test 16t: Mechanical strength (wired termination of solderless connections) (IEC
60512-16-20:1996 (EQV))
169. **I.S. EN 61334-4-41:1999**
Date published 19 FEBRUARY 1999
Distribution automation using distribution line carrier systems -- Part 4: Data
communication protocols -- Section 41: Application protocols - Distribution line message
specification (IEC 61334-4-41:1996 (EQV))
170. **I.S. EN 61334-4-42:1999**
Date published 19 FEBRUARY 1999
Distribution automation using distribution line carrier systems -- Part 4: Data
communication protocols -- Section 42: Application protocols - Application layer (IEC
61334-4-42:1996 (EQV))
171. **I.S. EN 61434:1999**
Date published 19 FEBRUARY 1999
Secondary cells and batteries containing alkaline or other non-acid electrolytes - Guide
to the designation of current in alkaline secondary cell and battery standards (IEC
61434:1996 (EQV))
172. **I.S. EN 61629-1:1999**
Date published 12 MARCH 1999
Aramid pressboard for electrical purposes -- Part 1: Definitions, designations and
general requirements (IEC 61629-1:1996 (EQV))
173. **I.S. EN 61629-2:1999**
Date published 12 MARCH 1999
Aramid pressboard for electrical purposes -- Part 2: Methods of test (IEC 61629-2:1996
(EQV))

174. **I.S. EN 61689:1999**
Date published 12 MARCH 1999
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175. **I.S. HD 621 S1:1999**
Date published 12 FEBRUARY 1999
Medium voltage impregnated paper insulated distribution cables
176. **I.S. EN 60099-5:1999**
Date published 26 FEBRUARY 1999
Surge arresters -- Part 5: Selection and application recommendations (IEC 60099-5:1996 (MOD))
177. **I.S. EN 60931-3:1999**
Date published 19 FEBRUARY 1999
Shunt power capacitors of the non-self-healing type for a.c. systems having a rated voltage up to and including 1 kV -- Part 3: Internal fuses (IEC 60931-3:1996 (EQV))
178. **I.S. EN 61146-1:1999**
Date published 15 JANUARY 1999
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179. **I.S. HD 627 S1:1999**
Date published 12 FEBRUARY 1999
Multicore and multipair cables for installation above and below ground
180. **I.S. EN 60626-1:1995/A1:1999**
Date published 26 FEBRUARY 1999
Combined flexible materials for electrical insulation -- Part 1: Definitions and general requirements (IEC 60626-1:1995/A1:1996 (EQV))
181. **I.S. EN 60730-2-5:1995/A1:1999**
Date published 8 JANUARY 1999
Automatic electrical controls for household and similar use -- Part 2: Particular requirements for automatic electrical burner control systems (IEC 60730-2-5:1993/A1:1996 (EQV))
182. **I.S. EN 60819-1:1998/A1:1999**
Date published 26 FEBRUARY 1999
Non-cellulosic papers for electrical purposes -- Part 1: Definitions and general requirements (IEC 60819-1:1995/A1:1996 (EQV))
183. **I.S. EN 60870-2-2:1999**
Date published 8 JANUARY 1999
Telecontrol equipment and systems -- Part 2: Operating conditions -- Section 2: Environmental conditions (climatic, mechanical and other non-electrical influences) (IEC 60870-2-2:1996 (EQV))
184. **I.S. EN 61056-2:1999**
Date published 19 FEBRUARY 1999
Portable lead-acid cells and batteries (Valve-regulated types) -- Part 2: Dimensions, terminals and marking (IEC 61056-2:1994 (EQV))
185. **I.S. EN 61071-1:1999**
Date published 26 FEBRUARY 1999
Power electronic capacitors -- Part 1: General (IEC 61071-1:1991 (MOD))

186. **I.S. EN 61096:1993/A1:1999**
Date published 26 FEBRUARY 1999
Methods of measuring the characteristics of reproducing equipment for digital audio compact discs (IEC 61096:1992/A1:1996 (EQV))
187. **I.S. EN 61223-3-2:1999**
Date published 26 FEBRUARY 1999
Evaluation and routine testing in medical imaging departments -- Part 3-2: Acceptance tests - Imaging performance of mammographic X-ray equipment (IEC 61223-3-2:1996 (EQV))
188. **I.S. EN 61270-1:1999**
Date published 26 FEBRUARY 1999
Capacitors for microwave ovens -- Part 1: General (IEC 61270-1:1996 (EQV))
189. **I.S. EN 61334-4-1:1999**
Date published 19 FEBRUARY 1999
Distribution automation using distribution line carrier systems -- Part 4: Data communication protocols -- Section 1: Reference model of the communication system (IEC 61334-4-1:1996 (EQV))
190. **I.S. EN 61334-4-32:1999**
Date published 19 FEBRUARY 1999
Distribution automation using distribution line carrier systems -- Part 4: Data communication protocols -- Section 32: Data link layer - Logical link control (LLC) (IEC 61334-4-32:1996 (EQV))
191. **I.S. EN 50117-1:1995/A1:1999**
Date published 12 FEBRUARY 1999
Coaxial cables used in cabled distribution networks -- Part 1: Generic specification
192. **I.S. EN 50117-1:1995/A2:1999**
Date published 12 FEBRUARY 1999
Coaxial cables used in cabled distribution networks -- Part 1: Generic specification
193. **I.S. EN 50143:1999**
Date published 12 FEBRUARY 1999
Cables for signs and luminous-discharge-tube installations operating from a no-load rated output voltage exceeding 1 kV but not exceeding 10 kV
194. **I.S. EN 60603-7:1999**
Date published 26 FEBRUARY 1999
Connectors for frequencies below 3 MHz for use with printed boards -- Part 7: Detail specification for connectors, 8-way, including fixed and free connectors with common mating features, with assessed quality (IEC 60603-7:1996 (EQV))
195. **I.S. EN 60645-2:1999**
Date published 26 MARCH 1999
Audiometers -- Part 2: Equipment for speech audiometry (IEC 60645-2:1993 (EQV))
196. **I.S. EN 60721-3-3:1995/A2:1999**
Date published 8 JANUARY 1999
Classification of environmental conditions -- Part 3: Classification of groups of environmental parameters and their severities -- Section 3: Stationary use at weatherprotected locations (IEC 60721-3-3:1994/A2:1996 (EQV))
197. **I.S. EN 60721-3-4:1995/A1:1999**
Date published 8 JANUARY 1999
Classification of environmental conditions -- Part 3: Classification of groups of environmental parameters and their severities -- Section 4: Stationary use at non-weatherprotected locations (IEC 60721-3-4:1995/A1:1996 (EQV))

198. **I.S. EN 60721-3-6:1993/A2:1999**
Date published 8 JANUARY 1999
Classification of environmental conditions -- Part 3: Classification of groups of environmental parameters and their severities -- Section 6: Ship environment (IEC 60721-3-6:1987/A2:1996 (EQV))
199. **I.S. EN 60721-3-7:1995/A1:1999**
Date published 8 JANUARY 1999
Classification of environmental conditions -- Part 3: Classification of groups of environmental parameters and their severities -- Section 7: Portable and non-stationary use (IEC 60721-3-7:1995/A1:1996 (EQV))
200. **I.S. EN 60835-2-11:1999**
Date published 26 FEBRUARY 1999
Methods of measurement for equipment used in digital microwave radio transmission systems -- Part 2: Measurements on terrestrial radio-relay systems -- Section 11: Cross-polarization interference canceller (IEC 60835-2-11:1996 (EQV))
201. **I.S. EN 60889:1999**
Date published 19 FEBRUARY 1999
Hard-drawn aluminium wire for overhead line conductors (IEC 60889:1987 (EQV))
202. **I.S. EN 60893-3-1:1994/A1:1999**
Date published 12 MARCH 1999
Specification for industrial rigid laminated sheets based on thermosetting resins for electrical purposes -- Part 3: Specifications for individual materials -- Sheet 1: Types of industrial rigid laminated sheets (IEC 60893-3-1:1992/A1:1996 (EQV))
203. **I.S. EN 61083-2:1999**
Date published 26 FEBRUARY 1999
Digital recorders for measurements in high-voltage impulse tests -- Part 2: Evaluation of software used for the determination of the parameters of impulse waveforms (IEC 61083-2:1996 (EQV))
204. **I.S. EN 61243-1:1999**
Date published 12 MARCH 1999
Live working - Voltage detectors -- Part 1: Capacitive type to be used for voltages exceeding 1 kV a.c. and up to 52 kV (IEC 61243-1:1993 (MOD))
205. **I.S. EN 60068-2-21:1999**
Date published 8 JANUARY 1999
Environmental testing -- Part 2: Tests - Test U: Robustness of terminations and integral mounting devices (IEC 60068-2-21:1983 (EQV) + A1:1985 (EQV) + corrigendum Nov. 1991 (EQV))
206. **I.S. EN 60068-2-21:1997/A2:1999**
Date published 8 JANUARY 1999
Environmental testing -- Part 2: Tests - Test U: Robustness of terminations and integral mounting devices (IEC 60068-2-21:1983/A2:1991 (EQV))
207. **I.S. EN 60068-2-21:1997/A3:1999**
Date published 8 JANUARY 1999
Environmental testing -- Part 2: Tests - Test U: Robustness of terminations and integral mounting devices (IEC 60068-2-21:1983/A3:1992 (EQV))
208. **I.S. EN 60071-2:1999**
Date published 12 MARCH 1999
Insulation co-ordination -- Part 2: Application guide (IEC 60071-2:1996 (EQV))
209. **I.S. EN 60255-1-00:1999**
Date published 26 FEBRUARY 1999
All-or-nothing electrical relays (IEC 60255-1-00:1975 (EQV))

210. **I.S. EN 60269-1:1989/A2:1999**
Date published 12 FEBRUARY 1999
Low-voltage fuses -- Part 1: General requirements (IEC 60269-1:1986/A2:1995 (MOD))
211. **I.S. EN 60107-2:1999**
Date published 12 MARCH 1999
Methods of measurement on receivers for television broadcast transmissions -- Part 2: Audio channels - General methods and methods for monophonic channels (IEC 60107-2:1997 (EQV))
212. **I.S. EN 60107-7:1999**
Date published 12 MARCH 1999
Methods of measurement on receivers for television -- Part 7: HDTV displays (IEC 60107-7:1997 (EQV))
213. **I.S. EN 60254-2:1999**
Date published 19 FEBRUARY 1999
Lead-acid traction batteries -- Part 2: Dimensions of cells and terminals and marking of polarity on cells (IEC 60254-2:1997 (EQV))
214. **I.S. EN 60269-4:1996/A1:1999**
Date published 12 FEBRUARY 1999
Low-voltage fuses -- Part 4: Supplementary requirements for fuse-links for the protection of semiconductor devices (IEC 60269-4:1986/A1:1995 (EQV))
215. **I.S. EN 60286-5:1999**
Date published 26 FEBRUARY 1999
Packaging of components for automatic handling -- Part 5: Matrix trays (IEC 60286-5:1995 (MOD))
216. **I.S. EN 60444-1:1999**
Date published 12 MARCH 1999
Measurement of quartz crystal unit parameters by zero phase technique in a pi-network -- Part 1: Basic method for the measurement of resonance frequency and resonance resistance of quartz crystal units by zero phase technique in a pi-network (IEC 60444-1:1986 (EQV))
217. **I.S. EN 61021-2:1999**
Date published 12 MARCH 1999
Laminated core packages for transformers and inductors for use in telecommunication and electronic equipment -- Part 2: Electrical characteristics for cores using YEE 2 laminations (IEC 61021-2:1995 (EQV))
218. **I.S. EN 61240:1999**
Date published 12 MARCH 1999
Piezoelectric devices - Preparation of outline drawings of surface-mounted devices (SMD) for frequency control and selection - General rules (IEC 61240:1994 (EQV))
219. **I.S. EN 61269-1-1:1999**
Date published 15 JANUARY 1999
Fibre optic terminus sets -- Part 1-1: Blank detail specification (IEC 61269-1-1:1994 (EQV))
220. **I.S. EN 60371-2:1999**
Date published 26 FEBRUARY 1999
Specification for insulating materials based on mica -- Part 2: Methods of test (IEC 60371-2:1987 (EQV) + A1:1994 (EQV))
221. **I.S. EN 60439-1:1994/A2:1999**
Date published 26 FEBRUARY 1999
Low-voltage switchgear and controlgear assemblies -- Part 1: Type-tested and partially type-tested assemblies (IEC 60439-1:1992/A2:1996 (EQV))

222. **I.S. EN 60512-11-14:1999**
Date published 26 FEBRUARY 1999
Electromechanical components for electronic equipment - Basic testing procedures and measuring methods -- Part 11: Climatic tests -- Section 14: Test 11p - Flowing single gas corrosion test (IEC 60512-11-14:1996 (EQV))
223. **I.S. EN 60512-13-1:1999**
Date published 26 FEBRUARY 1999
Electromechanical components for electronic equipment - Basic testing procedures and measuring methods -- Part 13: Mechanical operating tests - Section 1: Test 13a: Engaging and separating forces (IEC 60512-13-1:1996 (EQV))
224. **I.S. EN 61269-1:1999**
Date published 15 JANUARY 1999
Fibre optic terminus sets -- Part 1: Generic specification (IEC 61269-1:1994 (EQV))
225. **I.S. EN 61274-1:1999**
Date published 15 JANUARY 1999
Fibre optic adaptors -- Part 1: Generic specification (IEC 61274-1:1994 (EQV))
226. **I.S. EN 61646:1999**
Date published 12 MARCH 1999
Thin-film terrestrial photovoltaic (PV) modules - Design qualification and type approval (IEC 61646:1996 (EQV))
227. **I.S. EN 61754-2:1999**
Date published 15 JANUARY 1999
Fibre optic connector interfaces -- Part 2: Type BFOC/2,5 connector family (IEC 61754-2:1996 (EQV))
228. **I.S. EN 61938:1999**
Date published 15 JANUARY 1999
Audio, video and audiovisual systems - Interconnections and matching values - Preferred matching values of analogue signals (IEC 61938:1996 (EQV))
229. **I.S. HD 528 S2:1999**
Date published 26 FEBRUARY 1999
A method of temperature-rise assessment by extrapolation for partially type-tested assemblies (PTTA) of low-voltage switchgear and controlgear (IEC/TR3 60890:1987 (EQV) + A1:1995 (EQV) + corrigendum Mar. 1988 (EQV))
230. **I.S. EN 50117-5:1999**
Date published 12 FEBRUARY 1999
Coaxial cables used in cabled distribution networks -- Part 5: Sectional specification for indoor drop cables for use in networks operating at frequencies between 5 MHz and 2150 MHz
231. **I.S. EN 50117-6:1999**
Date published 12 FEBRUARY 1999
Coaxial cables used in cabled distribution networks -- Part 6: Sectional specification for outdoor drop cables for use in networks operating at frequencies between 5 MHz and 2150 MHz
232. **I.S. EN 60903:1992/A11:1999**
Date published 8 JANUARY 1999
Specification for gloves and mitts of insulating material for live working
233. **I.S. EN 60984:1992/A11:1999**
Date published 15 JANUARY 1999
Sleeves of insulating material for live working

234. **I.S. HD 428.2.2 S1:1999**
Date published 26 FEBRUARY 1999
Three-phase oil-immersed distribution transformers 50 Hz, from 50 to 2500 kVA with highest voltage for equipment not exceeding 36 kV -- Part 2: Distribution transformers with cable boxes on the high-voltage and/or low-voltage side -- Section 2: Cable boxes type 1 for use on distribution transformers meeting the requirements of HD 428.2.1 S1
235. **I.S. EN 61315:1999**
Date published 26 FEBRUARY 1999
Calibration of fibre optic power meters (IEC 61315:1995 (EQV))
236. **I.S. EN 60352-2:1994/A1:1999**
Date published 26 FEBRUARY 1999
Solderless connections -- Part 2: Solderless crimped connections - General requirements, test methods and practical guidance (IEC 60352-2:1990/A1:1996 (EQV))
237. **I.S. EN 60519-11:1999**
Date published 8 JANUARY 1999
Safety in electroheat installations -- Part 11: Particular requirements for installations for electromagnetic stirring, transport or pouring of metal liquids (IEC 60519-11:1997 (EQV))
238. **I.S. HD 538.3 S1:1999**
Date published 26 FEBRUARY 1999
Three-phase dry-type distribution transformers 50 Hz, from 100 to 2500 kVA, with highest voltage for equipment not exceeding 36 kV -- Part 3: Determination of the power rating of a transformer loaded with non- sinusoidal current
239. **I.S. HD 307.3.2 S2:1999**
Date published 12 MARCH 1999
Specification for solventless polymerisable resinous compounds used for electrical insulation -- Part 3: Specifications for individual materials -- Sheet 2: Quartz filled epoxy resinous compounds (IEC 60455-3-2:1987 (EQV) + A1:1994 (EQV))
240. **I.S. EN 50180:1999**
Date published 26 FEBRUARY 1999
Bushings above 1 kV up to 36 kV and from 250 A to 3,15 kA for liquid filled transformers
241. **I.S. EN 50181:1999**
Date published 26 FEBRUARY 1999
Plug-in type bushings above 1 kV up to 36 kV and from 250 A to 1,25 kA for equipment other than liquid filled transformers
242. **I.S. EN 60254-1:1999**
Date published 19 FEBRUARY 1999
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243. **I.S. EN 60431:1999**
Date published 26 MARCH 1999
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244. **I.S. EN 60871-4:1999**
Date published 26 MARCH 1999
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245. **I.S. EN 61605:1999**
Date published 12 MARCH 1999
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246. **I.S. EN 61666:1999**
Date published 19 FEBRUARY 1999
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248. **I.S. 434:1999**
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249. **I.S. 433:1999**
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250. **I.S. EN 61169-36:1999**
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252. **I.S. EN 60444-2:1999**
Date published 12 MARCH 1999
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253. **I.S. EN 60444-3:1999**
Date published 12 MARCH 1999
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Date published 12 MARCH 1999
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255. **I.S. EN 60444-5:1999**
Date published 12 MARCH 1999
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256. **I.S. EN 60444-6:1999**
Date published 12 MARCH 1999
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257. **I.S. EN 60721-3-1:1999**
Date published 8 JANUARY 1999
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259. **I.S. EN 60721-3-5:1999**
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260. **I.S. EN 60934:1994/A2:1999**
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261. **I.S. EN 61355:1999**
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262. **I.S. EN 61619:1999**
Date published 26 MARCH 1999
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263. **I.S. EN ISO/IEC 9592-4:1999**
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264. **I.S. EN ISO/IEC 11172-4:1999**
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265. **I.S. EN 60838-1:1994/A1:1999**
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266. **I.S. EN 61021-1:1999**
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267. **I.S. EN 61169-1-1:1999**
Date published 26 MARCH 1999
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268. **I.S. EN 61169-33:1999**
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269. **I.S. EN 61185:1999**
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270. **I.S. EN 61360-4:1999**
Date published 26 MARCH 1999
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271. **I.S. EN 61466-1:1999**
Date published 12 MARCH 1999
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272. **I.S. EN 61557-1:1999**
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273. **I.S. EN 61557-2:1999**
Date published 15 JANUARY 1999
Electrical safety in low voltage distribution systems up to 1 kV a.c. and 1,5 kV d.c. - Equipment for testing, measuring or monitoring of protective measures -- Part 2: Insulation resistance (IEC 61557-2:1997 (EQV))
274. **I.S. EN 61557-3:1999**
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275. **I.S. EN 61557-4:1999**
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277. **I.S. EN 61557-7:1999**
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278. **I.S. EN 61557-8:1999**
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Insulation monitoring devices for IT systems (IEC 61557-8:1997 (EQV))
279. **I.S. EN 61596:1999**
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280. **I.S. EN 61606:1999**
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281. **I.S. EN 61754-1:1999**
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282. **I.S. EN 61754-4:1999**
Date published 15 JANUARY 1999
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283. **I.S. EN 60130-9:1995/A2:1999**
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284. **I.S. EN 60154-2:1997/A1:1999**
Date published 26 MARCH 1999
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285. **I.S. EN 60682:1993/A2:1999**
Date published 26 MARCH 1999
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60682:1980/A2:1997 (EQV))
286. **I.S. EN 60856:1993/A2:1999**
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287. **I.S. HD 630.2.1 S2:1999**
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288. **I.S. EN 60519-4:1999**
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289. **I.S. EN 61169-1:1994/A2:1999**
Date published 26 MARCH 1999
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290. **I.S. EN 61242:1999**
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291. **I.S. EN 61314-1:1999**
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292. **I.S. EN 61660-1:1999**
Date published 26 FEBRUARY 1999
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293. **I.S. EN 61660-2:1999**
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294. **I.S. HD 22.1 S3:1999**
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295. **I.S. EN 60062:1993/A1:1999**
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296. **I.S. HD 629.2 S1:1999**
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297. **I.S. EN 60168:1994/A1:1999**
Date published 8 JANUARY 1999
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298. **I.S. EN 60214:1999**
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299. **I.S. EN 60239:1999**
Date published 26 MARCH 1999
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300. **I.S. EN 60244-14:1999**
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301. **I.S. EN 60551:1992/A1:1999**
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302. **I.S. EN 60654-3:1999**
Date published 26 FEBRUARY 1999
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303. **I.S. EN 60654-4:1999**
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305. **I.S. EN 60864-2:1999**
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306. **I.S. EN 61041-4:1999**
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307. **I.S. EN 61138:1999**
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308. **I.S. EN 61247:1999**
Date published 26 MARCH 1999
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309. **I.S. EN 61313-1:1999**
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310. **I.S. EN 61566:1999**
Date published 26 FEBRUARY 1999
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311. **I.S. EN 61603-2:1999**
Date published 12 MARCH 1999
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312. **I.S. EN 61725:1999**
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Analytical expression for daily solar profiles (IEC 61725:1997 (EQV))
313. **I.S. EN 60154-2:1999**
Date published 26 MARCH 1999
Flanges for waveguides -- Part 2: Relevant specifications for flanges for ordinary rectangular waveguides (IEC 60154-2:1980 (EQV))
314. **I.S. EN 60947-4-2:1996/A1:1999**
Date published 26 FEBRUARY 1999
Low-voltage switchgear and controlgear -- Part 4: Contactors and motor-starters -- Section 2: A.C. semiconductor motor controllers and starters (IEC 60947-4-2:1995/A1:1997 (EQV))

315. **I.S. EN 61019-2:1999**
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316. **I.S. EN 61067-1:1999**
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317. **I.S. EN 61067-2:1999**
Date published 26 MARCH 1999
Specification for glass and glass polyester fibre woven tapes -- Part 2: Methods of test (IEC 61067-2:1992 (EQV))
318. **I.S. EN 61243-2:1999**
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Live working - Voltage detectors -- Part 2: Resistive type to be used for voltages of 1 kV to 36 kV a.c. (IEC 61243-2:1995 (MOD) + corrigendum Jun. 1996 (EQV))
319. **I.S. EN 61249-8-8:1999**
Date published 26 MARCH 1999
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320. **I.S. EN 60169-21:1999**
Date published 26 MARCH 1999
Radio-frequency connectors -- Part 21: Two types of radio-frequency connectors with inner diameter of outer conductor 9,5 mm (0,374 in) with different versions of screw coupling - Characteristic impedance 50 ohms (types SC-A and SC-B) (IEC 60169-21:1985 (EQV) + A1:1996 (EQV))
321. **I.S. EN 60654-2:1999**
Date published 26 FEBRUARY 1999
Operating conditions for industrial-process measurement and control equipment -- Part 2: Power (IEC 60654-2:1979 (EQV) + A1:1992 (EQV))
322. **I.S. EN 61041-5:1999**
Date published 26 FEBRUARY 1999
Non-broadcast video tape recorders - Methods of measurement -- Part 5: High-band video tape recorders, including those equipped with Y/C video connectors (NTSC/PAL) (IEC 61041-5:1997 (EQV))
323. **I.S. EN 61754-6:1999**
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324. **I.S. EN 61754-8:1999**
Date published 15 JANUARY 1999
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325. **I.S. EN 50205:1999**
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326. **I.S. EN 61642:1999**
Date published 26 MARCH 1999
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327. **I.S. EN 61843:1999**
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328. **I.S. EN 60437:1999**
Date published 8 JANUARY 1999
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329. **I.S. EN 61068-1:1999**
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330. **I.S. EN 61068-2:1999**
Date published 26 MARCH 1999
Specification for polyester fibre woven tapes -- Part 2: Methods of test (IEC 61068-2:1991 (EQV))
331. **I.S. EN 61069-4:1999**
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332. **I.S. EN 61332:1999**
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333. **I.S. EN 61691-1:1999**
Date published 19 FEBRUARY 1999
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334. **I.S. EN 60309-1:1999**
Date published 8 JANUARY 1999
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335. **I.S. EN 60352-1:1999**
Date published 26 MARCH 1999
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336. **I.S. EN 60477:1999**
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337. **I.S. EN 60477:1997/A1:1999**
Date published 19 FEBRUARY 1999
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338. **I.S. EN 60477-2:1999**
Date published 19 FEBRUARY 1999
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339. **I.S. EN 60477-2:1997/A1:1999**
Date published 19 FEBRUARY 1999
Laboratory resistors -- Part 2: Laboratory a.c. resistors (IEC 60477-2:1979/A1:1997 (EQV))

340. **I.S. EN 60424-2:1999**
Date published 26 MARCH 1999
Guidance of the limits of surface irregularities of ferrite cores -- Part 2: RM-cores (IEC 60424-2:1997 (EQV))
341. **I.S. EN 60512-1-3:1999**
Date published 26 FEBRUARY 1999
Electromechanical components for electronic equipment - Basic testing procedures and measuring methods -- Part 1: General examination -- Section 3: Test 1c - Electrical engagement length (IEC 60512-1-3:1997 (EQV))
342. **I.S. EN 60512-1-4:1999**
Date published 26 FEBRUARY 1999
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343. **I.S. EN 60512-19-3:1999**
Date published 26 FEBRUARY 1999
Electromechanical components for electronic equipment - Basic testing procedures and measuring methods -- Part 19: Chemical resistance tests -- Section 3: Test 19c - Fluid resistance (IEC 60512-19-3:1997 (EQV))
344. **I.S. EN 60564:1993/A2:1999**
Date published 26 FEBRUARY 1999
D.C. bridges for measuring resistance (IEC 60564:1977/A2:1997 (EQV))
345. **I.S. EN 60947-6-1:1991/A2:1999**
Date published 19 FEBRUARY 1999
Low-voltage switchgear and controlgear -- Part 6-1: Multiple function equipment - Automatic transfer switching equipment (IEC 60947-6-1:1989/A2:1997 (EQV))
346. **I.S. EN 60947-6-2:1993/A1:1999**
Date published 19 FEBRUARY 1999
Low-voltage switchgear and controlgear -- Part 6-2: Multiple function equipment - Control and protective switching devices (or equipment) (CPS) (IEC 60947-6-2:1992/A1:1997 (EQV))
347. **I.S. EN 61076-3-101:1999**
Date published 26 MARCH 1999
Connectors with assessed quality, for use in d.c. low-frequency analogue and in digital high-speed data applications -- Part 3: Rectangular connectors -- Section 101: Detail specification for a range of shielded connectors with trapezoidal shaped shells and non-removable rectangular contacts on a 1.27 mm x 2.54 mm centre-line (IEC 61076-3)
348. **I.S. EN 61580-3:1999**
Date published 26 MARCH 1999
Methods of measurement for waveguides -- Part 3: Variation of group delay (IEC 61580-3:1997 (EQV))
349. **I.S. EN 60146-1-1:1993/A1:1999**
Date published 26 MARCH 1999
Semiconductor convertors - General requirements and line commutated convertors -- Part 1-1: Specifications of basic requirements (IEC 60146-1-1:1991/A1:1996 (EQV))
350. **I.S. EN 60317-31:1998/A1:1999**
Date published 26 MARCH 1999
Specifications for particular types of winding wires -- Part 31: Glass-fibre wound resin or varnish impregnated, bare or enamelled rectangular copper wire, temperature index 180 (IEC 60317-31:1990/A1:1997 (EQV))

351. **I.S. EN 60317-32:1998/A1:1999**
Date published 29 OCTOBER 1999
Specifications for particular types of winding wires -- Part 32: Glass-fibre wound, resin or varnish impregnated, bare or enamelled rectangular copper wire, temperature index 155 (IEC 60317-32:1990/A1:1997 (EQV))
352. **I.S. EN 60317-33:1996/A1:1999**
Date published 26 MARCH 1999
Specifications for particular types of winding wires -- Part 33: Glass-fibre wound, resin or varnish impregnated, bare or enamelled rectangular copper wire, temperature index 200 (IEC 60317-33:1990/A1:1997 (EQV))
353. **I.S. EN 60672-3:1999**
Date published 26 MARCH 1999
Ceramic and glass-insulating materials -- Part 3: Specifications for individual materials (IEC 60672-3:1997 (EQV))
354. **I.S. EN 60947-1:1999**
Date published 19 FEBRUARY 1999
Low-voltage switchgear and controlgear -- Part 1: General rules (IEC 60947-1:1996 (MOD))
355. **I.S. EN 60947-5-1:1999**
Date published 19 FEBRUARY 1999
Low-voltage switchgear and controlgear -- Part 5-1: Control circuit devices and switching elements - Electromechanical control circuit devices (IEC 60947-5-1:1997 (EQV))
356. **I.S. EN 61143-1:1994/A1:1999**
Date published 26 FEBRUARY 1999
Electrical measuring instruments - X-t recorders -- Part 1: Definitions and requirements (IEC 61143-1:1992/A1:1997 (EQV))
357. **I.S. EN 61196-3-2:1999**
Date published 19 FEBRUARY 1999
Radio frequency cables -- Part 3-2: Coaxial cables for digital communication in horizontal floor wiring - Detail specification for coaxial cables with solid dielectric for local area networks of 185 m reach and up to 10 Mb/s (IEC 61196-3-2:1997 (EQV))
358. **I.S. EN 61196-3-3:1999**
Date published 19 FEBRUARY 1999
Radio frequency cables -- Part 3-3: Coaxial cables for digital communication in horizontal floor wiring - Detail specification for coaxial cables with foamed dielectric for local area networks of 185 m reach and up to 10 Mb/s (IEC 61196-3-3:1997 (EQV))
359. **I.S. EN 61628-1:1999**
Date published 26 MARCH 1999
Corrugated pressboard and presspaper for electrical purposes -- Part 1: Definitions, designations and general requirements (IEC 61628-1:1997 (EQV))
360. **I.S. EN 60282-1:1996/A2:1999**
Date published 12 FEBRUARY 1999
High-voltage fuses -- Part 1: Current-limiting fuses (IEC 60282-1:1994/A2:1997 (EQV))
361. **I.S. EN 60352-6:1999**
Date published 26 MARCH 1999
Solderless connections -- Part 6: Insulation piercing connections - General requirements, test methods and practical guidance (IEC 60352-6:1997 (EQV))
362. **I.S. EN 60399:1993/A1:1999**
Date published 26 MARCH 1999
Standard sheets for barrel thread for E14 and E27 lampholders with shade holder ring (IEC 60399:1972/A1:1997 (EQV))

363. **I.S. EN 60534-6-1:1999**
Date published 26 MARCH 1999
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400. **I.S. HD 634 S1:1999**
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Date published 26 MARCH 1999
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408. **I.S. ENV 1999-2:1998**
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431. **I.S. EN 61300-3-6:1997/A1:1999**
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432. **I.S. EN 61300-3-21:1999**
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1105. **I.S. EN 60598-1:1997/A1:1999**
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1114. **I.S. EN 60947-6-2:1993/A2:1999**
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1184. **I.S. EN 60799:1999**
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1185. **I.S. EN 60870-6-701:1999**
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1187. **I.S. EN 61061-3-1:1999**
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1191. **I.S. EN 61191-2:1999**
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1192. **I.S. EN 61191-3:1999**
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1193. **I.S. EN 61191-4:1999**
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1194. **I.S. EN 61334-4-33:1999**
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1195. **I.S. EN 61334-4-61:1999**
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1196. **I.S. EN 61747-4:1999**
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1197. **I.S. EN 61834-1:1999**
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1198. **I.S. EN 61834-2:1999**
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1205. **I.S. EN 60204-31:1999**
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1209. **I.S. EN 60601-2-3:1993/A1:1999**
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1211. **I.S. EN 60512-11-1:1999**
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1218. **I.S. EN 61196-3:1999**
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1219. **I.S. EN 61207-3:1999**
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1220. **I.S. EN 60335-2-49:1997/A2:1999**
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1221. **I.S. EN 60335-2-47:1997/A2:1999**
Date published 11 JUNE 1999
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1222. **I.S. EN 60335-2-48:1997/A2:1999**
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1223. **I.S. EN 60335-2-36:1995/A2:1999**
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1224. **I.S. EN 60335-2-39:1995/A2:1999**
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1225. **I.S. EN 60335-2-42:1995/A2:1999**
Date published 11 JUNE 1999
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1226. **I.S. EN 60335-2-38:1995/A2:1999**
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1227. **I.S. EN 60335-2-37:1995/A2:1999**
Date published 11 JUNE 1999
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1228. **I.S. EN 60335-2-58:1997/A1:1999**
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1229. **I.S. EN 60335-2-50:1997/A2:1999**
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1230. **I.S. EN 61243-3:1999**
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1231. **I.S. EN 61264:1999**
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1232. **I.S. EN 61280-1-3:1999**
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1233. **I.S. EN 61280-2-2:1999**
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1235. **I.S. EN 61300-3-4:1999**
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1236. **I.S. EN 61400-11:1999**
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1237. **I.S. EN 61466-2:1999**
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1238. **I.S. EN 61558-2-8:1999**
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1239. **I.S. EN 61620:1999**
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1240. **I.S. EN 61628-2:1999**
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1241. **I.S. EN 61747-2:1999**
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1242. **I.S. EN 60749:1999**
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1243. **I.S. EN 61757-1:1999**
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1399. **I.S. EN 61373:1999**
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1400. **I.S. EN 61803:1999**
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1401. **I.S. EN 50014:1997/A1:1999**
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1402. **I.S. EN 50014:1997/A2:1999**
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1403. **I.S. EN 50073:1999**
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1406. **I.S. EN 300369-2:1999**
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1408. **I.S. EN 300367:1999**
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1409. **I.S. EN 300195-1:1999**
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1410. **I.S. EN 300195-2:1999**
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1416. **I.S. EN 301065-2:1999**
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Part 2: Protocol implementation conformance statement (PICS) proforma specification
1417. **I.S. EN 301065-3:1999**
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Part 3: test suite structure and test purposes (TSS&TP) specification for the user
1418. **I.S. EN 50215:1999**
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1419. **I.S. EN 50241-1:1999**
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1421. **I.S. EN 60068-2-11:1999**
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1428. **I.S. EN 60601-2-29:1999**
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1431. **I.S. EN 60707:1999**
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1432. **I.S. EN 60947-1:1999**
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1433. **I.S. EN 61000-4-14:1999**
Date published 12 NOVEMBER 1999
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1434. **I.S. EN 61000-6-2:1999**
Date published 12 NOVEMBER 1999
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1435. **I.S. EN 61076-2:1999**
Date published 12 NOVEMBER 1999
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1436. **I.S. EN 61076-4-103:1999**
Date published 12 NOVEMBER 1999
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1437. **I.S. EN 61076-4-104:1999**
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1438. **I.S. EN ISO 60:1999**
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1439. **I.S. EN ISO 61:1999**
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1440. **I.S. EN ISO 105-J01:1999**
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1441. **I.S. EN ISO 105-J02:1999**
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1442. **I.S. EN ISO 105-Z10:1999**
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1443. **I.S. EN 139:1994/A1:1999**
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1444. **I.S. EN ISO 176:1999**
Date published 10 SEPTEMBER 1999
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1445. **I.S. EN ISO 177:1999**
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1447. **I.S. EN ISO 182-2:1999**
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1448. **I.S. EN ISO 183:1999**
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1449. **I.S. EN 233:1999**
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1450. **I.S. EN ISO 305:1999**
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1451. **I.S. EN 334:1999**
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1452. **I.S. EN ISO 483:1999**
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1453. **I.S. EN 492:1994/A1:1999**
Date published 10 SEPTEMBER 1999
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1454. **I.S. EN 494:1994/A1:1999**
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1455. **I.S. EN 581-3:1999**
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1456. **I.S. EN ISO 585:1999**
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1457. **I.S. EN 552:1994/A1:1999**
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1458. **I.S. EN 301065-5:1999**
Date published 17 SEPTEMBER 1999
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Completion of Calls on No Reply (CCNR)
supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol;
Part 5: Test Suite Structure and Test Purposes (TSS&TP) specification for the network

1459. **I.S. EN 301160:1999**
Date published 17 SEPTEMBER 1999
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Numbering Space (ETNS) services
1460. **I.S. EN 301134:1999**
Date published 17 SEPTEMBER 1999
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Completion of Calls on No Reply (CCNR)
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Service description
1461. **I.S. EN 301161:1999**
Date published 17 SEPTEMBER 1999
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Telephony Numbering Space (ETNS)
1462. **I.S. ETS 300012-2:1999**
Date published 17 SEPTEMBER 1999
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Implementation Conformance Statement (ICS) and
Implementation eXtra Information for Testing (IXIT)
specification for interface IA
1463. **I.S. ETS 300012-3:1999**
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Part 3: Implementation Conformance Statement (ICS)
and Implementation eXtra Information for Testing (IXIT)
1464. **I.S. ETS 300012-4:1999**
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Part 4: Conformance test specification for interface I A
1465. **I.S. EN 300745-3:1999**
Date published 17 SEPTEMBER 1999
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1466. **I.S. EN 300745-5:1999**
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1467. **I.S. ETS 300818:1999**
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Retainability performance for B-ISDN switched connections

1468. **I.S. ETS 300821:1999**
Date published 17 SEPTEMBER 1999
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ATM Adaptation Layer (AAL);
Support of the High Level Data Link Control (HDLC)
core service by AAL type 5 (AAL5)
1469. **I.S. EN 301005-2:1999**
Date published 17 SEPTEMBER 1999
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Interfaces at the VB5.1 reference point for the support of broadband or combined
narrowband and broadband Access Networks (ANs); Part 2: Protocol
Implementation Conformance
1470. **I.S. EN 301070-1:1999**
Date published 17 SEPTEMBER 1999
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Signalling System No.7; ISDN User Part (ISUP) version 3 interactions with the Intelligent
Network Application Part (INAP); Part 1: Protocol specification [ITU-T Recommendation
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1471. **I.S. EN 301141-2:1999**
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Narrowband Multi-service Delivery System (NMDS);
Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification
1472. **I.S. EN 301152-1:1999**
Date published 17 SEPTEMBER 1999
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Enhanced Logic (CAMEL);
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1474. **I.S. EN 301250:1999**
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1475. **I.S. ETS 300298-3:1999**
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Asynchronous Transfer Mode (ATM);
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Part 3: Protocol Implementation Conformance Statement (PICS)
1476. **I.S. EN 301011:1999**
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1477. **I.S. EN 301082:1999**
Date published 17 SEPTEMBER 1999
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1478. **I.S. EN 301084:1999**
Date published 17 SEPTEMBER 1999
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1479. **I.S. EN 301090:1999**
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1480. **I.S. EN 301129:1999**
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Synchronous Digital Hierarchy (SDH);
System performance monitoring parameters of SDH DRRS
1481. **I.S. EN 301141-1:1999**
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1482. **I.S. ETS 300012-5:1998**
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1483. **I.S. ETS 300012-1:1999**
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1484. **I.S. ETS 300012-6:1999**
Date published 17 SEPTEMBER 1999
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Abstract Test Suite (ATS) specification for interface I A
1485. **I.S. ETS 300012-7:1999**
Date published 17 SEPTEMBER 1999
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1486. **I.S. ETS 300195-6:1999**
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1487. **I.S. EN 300356-20:1999**
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Part 20: Completion of Calls on No Reply (CCNR)
1488. **I.S. ETS 300771-4:1999**
Date published 17 SEPTEMBER 1999
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System No. two (DSS2) protocol; B-ISDN user-network interface layer 3 specification for
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Part 4: Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information
1489. **I.S. ETS 300065/A1:1999**
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meteorological or navigational information (NAVTEX)
1490. **I.S. ETS 300835:1999**
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(PCI) for file transfer over Integrated Services Digital Network (ISDN)
1491. **I.S. ETS 300286-6:1999**
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1492. **I.S. EN 300292:1999**
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on the Operations System/Network Element (OS/NE) interface
1493. **I.S. EN 300356-1:1999**
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1494. **I.S. EN 300356-2:1999**
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1495. **I.S. EN 300356-3:1999**
Date published 17 SEPTEMBER 1999
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Part 3: Calling Line Identification Presentation (CLIP)
1496. **I.S. EN 300356-4:1999**
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1497. **I.S. EN 300356-5:1999**
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Part 5: Connected Line Identification Presentation (COLP)
1498. **I.S. EN 300356-6:1999**
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1499. **I.S. EN 300356-7:1999**
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1500. **I.S. EN 300356-8:1999**
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1501. **I.S. EN 300356-9:1999**
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1502. **I.S. EN 300356-10:1999**
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ISDN User Part (ISUP) version 3 for the international interface;
Part 10: Subaddressing (SUB)
1503. **I.S. EN 300356-11:1999**
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Part 11: Malicious Call Identification (MCID)

1504. **I.S. EN 300356-12:1999**
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ISDN User Part (ISUP) version 3 for the international interface;
Part 12: Conference call. add-on (CONF)
1505. **I.S. EN 300356-14:1999**
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ISDN User Part (ISUP) version 3 for the international interface;
Part 14: Explicit Call Transfer (ECT)
1506. **I.S. EN 300 356-15:1999**
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Part 15: Diversion supplementary services
1507. **I.S. EN 300356-16:1999**
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Part 16: Call Hold (HOLD)
1508. **I.S. EN 300356-17:1999**
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1509. **I.S. EN 300356-18:1999**
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1510. **I.S. EN 631-2:1999**
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1511. **I.S. EN ISO 660:1999**
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1512. **I.S. EN 736-3:1999**
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1513. **I.S. EN 777-4:1999**
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4: System H, safety

1514. **I.S. EN 818-3:1999**
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1515. **I.S. EN 818-5:1999**
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1516. **I.S. EN 932-6:1999**
Date published 24 SEPTEMBER 1999
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