International standards for Electrical Installation

IEC 60038 Standard voltages
IEC 60076-2 Power transformers - Temperature rise
IEC 60076-3 Power transformers - Insulation levels, dielectric tests and external clearances in air
IEC 60076-5 Power transformers - Ability to withstand short-circuit
IEC 60076-10 Power transformers - Determination of sound levels
IEC 60146 Semiconductor convertors - General requirements and line commutated convertors
IEC 60255 Electrical relays
IEC 60265-1 High-voltage switches - High-voltage switches for rated voltages above 1 kV and less than 52 kV
IEC 60265-1 Low-voltage fuses - General requirements
IEC 60269-1 Low-voltage fuses - Supplementary requirements for fuses for use by unskilled persons (fuses mainly for household and similar applications)
IEC 60287-1 High-voltage fuses - Current-limiting fuses
IEC 60364-1-1 Electric cables - Calculation of the current rating - Current rating equations (100% load factor) and calculation of losses - General
IEC 60364 Electrical installations of buildings
IEC 60364-1 Electrical installations of buildings - Fundamental principles
IEC 60364-4-1 Electrical installations of buildings - Protection for safety - Protection against electric shock
IEC 60364-4-2 Electrical installations of buildings - Protection for safety - Protection against thermal effects
IEC 60364-4-3 Electrical installations of buildings - Protection for safety - Protection against overcurrent
IEC 60364-4-4 Electrical installations of buildings - Protection for safety - Protection against electromagnetic and voltage disturbance
IEC 60364-4-5 Electrical installations of buildings - Selection and erection of electrical equipment - Common rules
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IEC 60364-4-7 Electrical installations of buildings - Selection and erection of electrical equipment - Isolation, switching and control
IEC 60364-4-8 Electrical installations of buildings - Selection and erection of electrical equipment - Earthing arrangements
IEC 60364-4-9 Electrical installations of buildings - Selection and erection of electrical equipment - Other equipment
IEC 60364-4-10 Electrical installations of buildings - Verification and testing - Initial verification
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IEC 60364-7-702 Electrical installations of buildings - Requirements for special installations or locations - Swimming pools and other basins
IEC 60364-7-703 Electrical installations of buildings - Requirements for special installations or locations - Locations containing sauna heaters
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IEC 60364-7-706 Electrical installations of buildings - Requirements for special installations or locations - Restrictive conducting locations
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IEC 60364-7-709 Electrical installations of buildings - Requirements for special installations or locations - Marinas and pleasure craft
IEC 60364-7-710 Electrical installations of buildings - Requirements for special installations or locations - Medical locations
IEC 60364-7-711 Electrical installations of buildings - Requirements for special installations or locations - Exhibitions, shows and stands
IEC 60364-7-712 Electrical installations of buildings - Requirements for special installations or locations - Solar photovoltaic (PV) power supply systems
IEC 60364-7-713 Electrical installations of buildings - Requirements for special installations or locations - Furniture
IEC 60364-7-714 Electrical installations of buildings - Requirements for special installations or locations - External lighting installations
IEC 60364-7-715 Electrical installations of buildings - Requirements for special installations or locations - Extra-low-voltage lighting installations
IEC 60364-7-716 Electrical installations of buildings - Requirements for special installations or locations - Mobile or transportable units
IEC 60364-7-740 Electrical installations of buildings - Requirements for special installations or locations - Temporary electrical installations for structures,
amusement devices and booths at fairgrounds, amusement parks and circuses
IEC 60427 High-voltage alternating current circuit-breakers
IEC 60439-1 Low-voltage switchgear and controlgear assemblies - Type-tested and partially type-tested assemblies
IEC 60439-2 Low-voltage switchgear and controlgear assemblies - Particular requirements for busbar trunking systems (busways)
IEC 60439-3 Low-voltage switchgear and controlgear assemblies - Particular requirements for low-voltage switchgear and controlgear assemblies intended to be installed in places where unskilled persons have access for their use - Distribution boards
IEC 60439-4 Low-voltage switchgear and controlgear assemblies - Particular requirements for assemblies for construction sites (ACS)
IEC 60446 Basic and safety principles for man-machine interface, marking and identification - Identification of conductors by colours or numerals
IEC 60439-5 Low-voltage switchgear and controlgear assemblies - Particular requirements for assemblies intended to be installed outdoors in public places - Cable distribution cabinets (CDCs)
IEC 60479-1 Effects of current on human beings and livestock - General aspects
IEC 60479-2 Effects of current on human beings and livestock - Special aspects
IEC 60479-3 Effects of current on human beings and livestock - Effects of currents passing through the body of livestock
IEC 60529 Degrees of protection provided by enclosures (IP code)
IEC 60644 Specification for high-voltage fuse-links for motor circuit applications
IEC 60664 Insulation coordination for equipment within low-voltage systems
IEC 60715 Dimensions of low-voltage switchgear and controlgear. Standardized mounting on rails for mechanical support of electrical devices in switchgear and controlgear installations.
IEC 60724 Short-circuit temperature limits of electric cables with rated voltages of 1 kV (Um = 1.2 kV) and 3 kV (Um = 3.6 kV)
IEC 60755 General requirements for residual current operated protective devices
IEC 60787 Application guide for the selection of fuse-links of high-voltage fuses for transformer circuit application
IEC 60831 Shunt power capacitors of the self-healing type for AC systems having a rated voltage up to and including 1000 V - General - Performance, testing and rating - Safety requirements - Guide for installation and operation
IEC 60947-1 Low-voltage switchgear and controlgear - General rules
IEC 60947-2 Low-voltage switchgear and controlgear - Circuit-breakers
IEC 60947-3 Low-voltage switchgear and controlgear - Switches, disconnectors, switch-disconnectors and fuse-combination units
IEC 60947-4-1 Low-voltage switchgear and controlgear - Contactors and motor-starters - Electromechanical contactors and motor-starters
IEC 60947-6-1 Low-voltage switchgear and controlgear - Multiple function equipment - Automatic transfer switching equipment
IEC 61000 Electromagnetic compatibility (EMC)
IEC 61140 Protection against electric shocks - common aspects for installation and equipment
IEC 61557-1 Electrical safety in low-voltage distribution systems up to 1000 V AC and 1500 V DC - Equipment for testing, measuring or monitoring of protective measures - General requirements
IEC 61557-8 Electrical safety in low-voltage distribution systems up to 1000 V AC and 1500 V DC - Equipment for testing, measuring or monitoring of protective measures
IEC 61557-9 Electrical safety in low-voltage distribution systems up to 1000 V AC and 1500 V DC - Equipment for insulation fault location in IT systems
IEC 61557-12 Electrical safety in low-voltage distribution systems up to 1000 V AC and 1500 V DC - Equipment for testing, measuring or monitoring of protective measures. Performance measuring and monitoring devices (PMD)
IEC 61558-2-6 Safety of power transformers, power supply units and similar - Particular requirements for safety isolating transformers for general use
IEC 62271-1 Common specifications for high-voltage switchgear and controlgear standards
IEC 62271-100 High-voltage switchgear and controlgear - High-voltage alternating-current circuit-breakers
IEC 62271-102 High-voltage switchgear and controlgear - Alternating current disconnectors and earthing switches
IEC 62271-105 High-voltage switchgear and controlgear - Alternating current switch-fuse combinations
IEC 62271-200 High-voltage switchgear and controlgear - Alternating current metal-enclosed switchgear and controlgear for rated voltages above 1 kV and up to and including 52 kV
IEC 62271-202 High-voltage/low voltage prefabricated substations